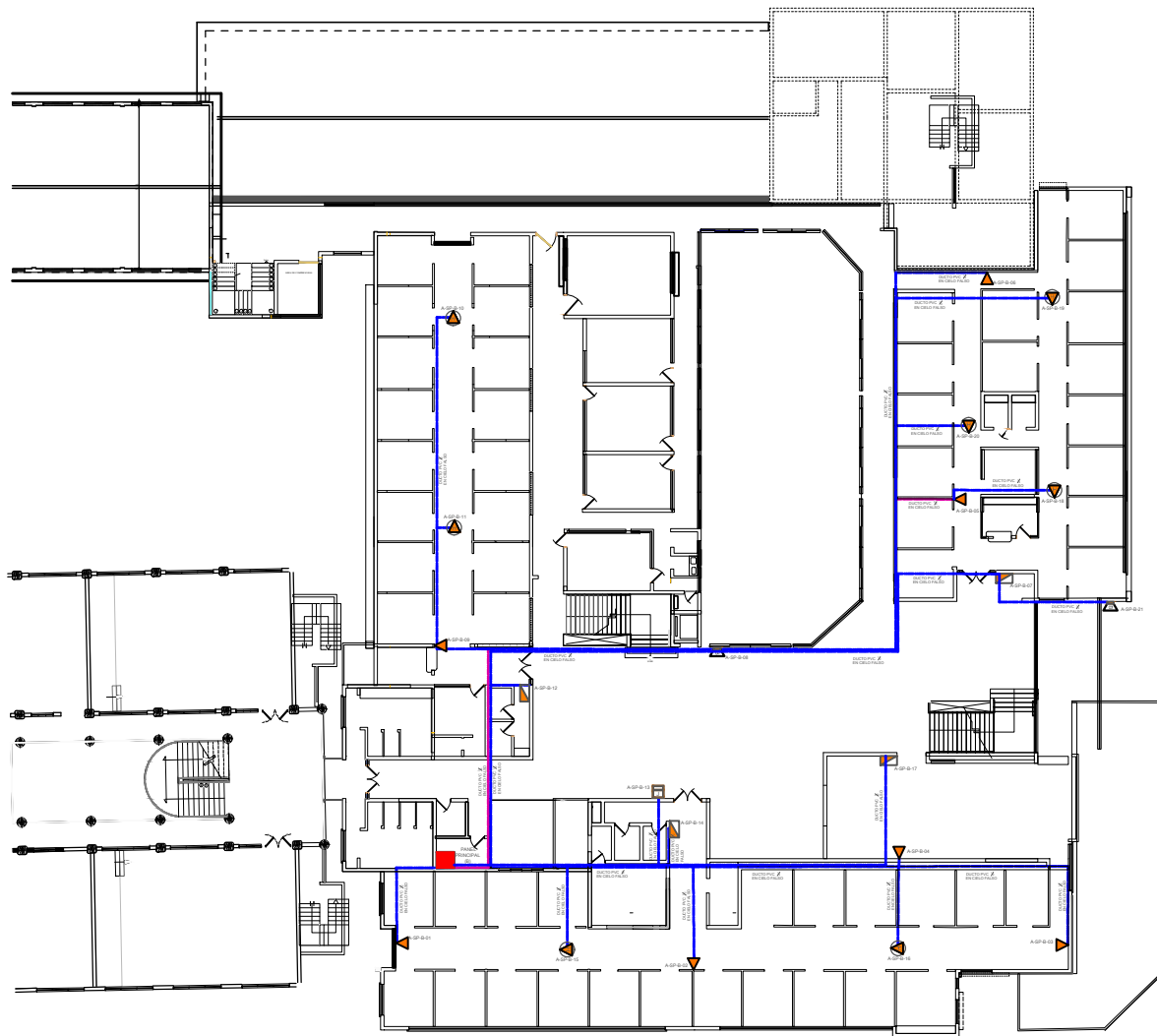


- | | | | |
|-------------------------|------|-------------|--|
| Sensor de Movimiento | "HZ" | (A-SP-B-XX) | |
| Sensor de Humo | | (A-SP-B-XX) | |
| Sirena - S.estrobo | "HZ" | (A-SP-B-XX) | |
| Teclado | "HX" | (A-SP-B-XX) | |
| Jalador de Incendio | "HX" | (A-SP-B-XX) | |
| Puesto en "Cielo Falso" | | | |

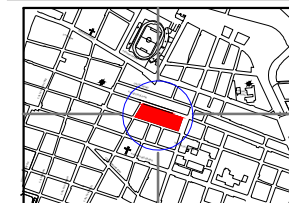
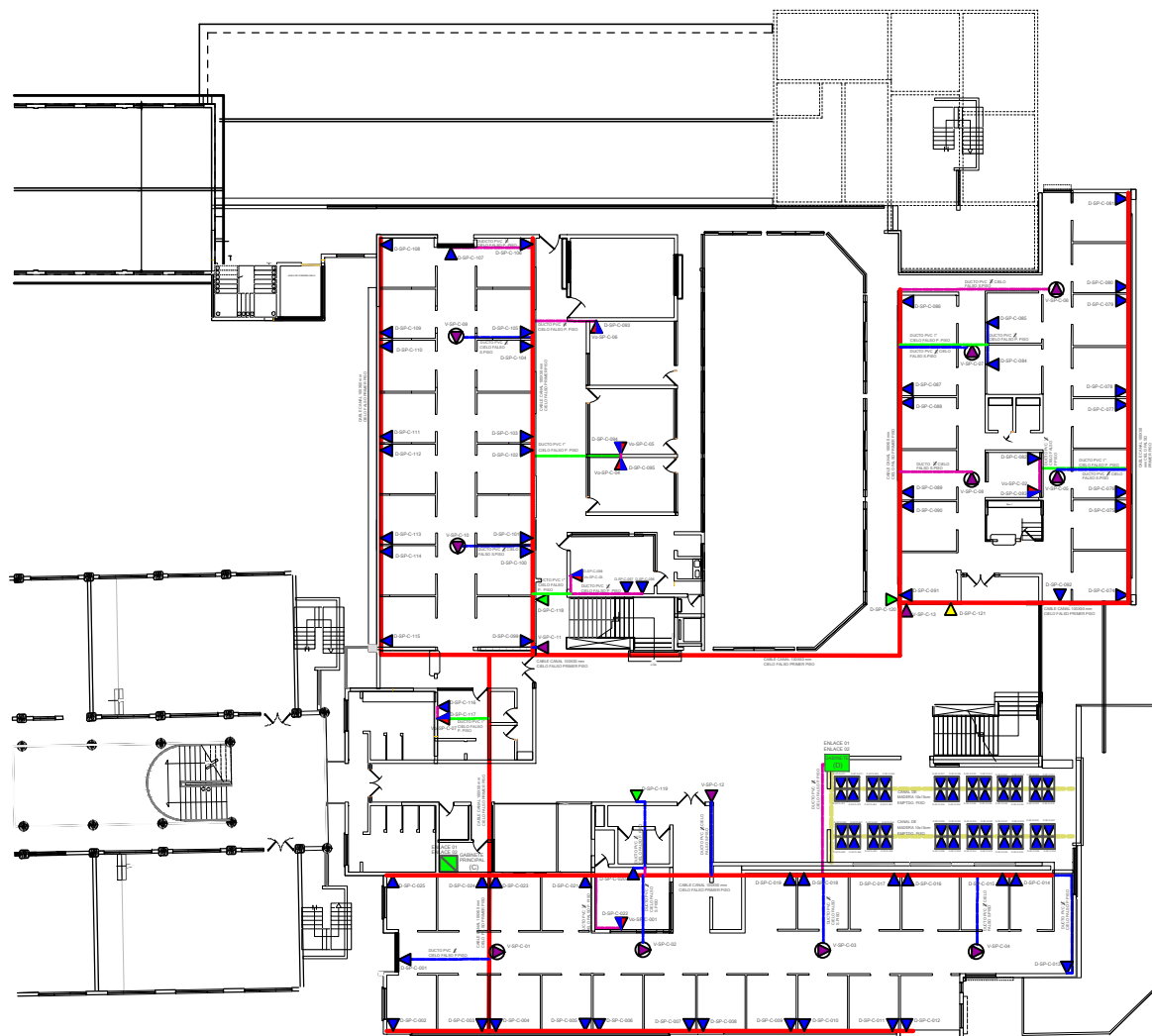
HZ= Altura Piso-Pto: 2,85m.
HX= Altura Piso-Pto: 1,40m.
HY= Altura Piso-Pto: 0,35m.

Panel Principal "Alarma" (B)

Tubo pvc 1/2

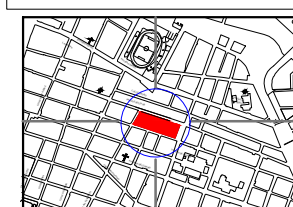
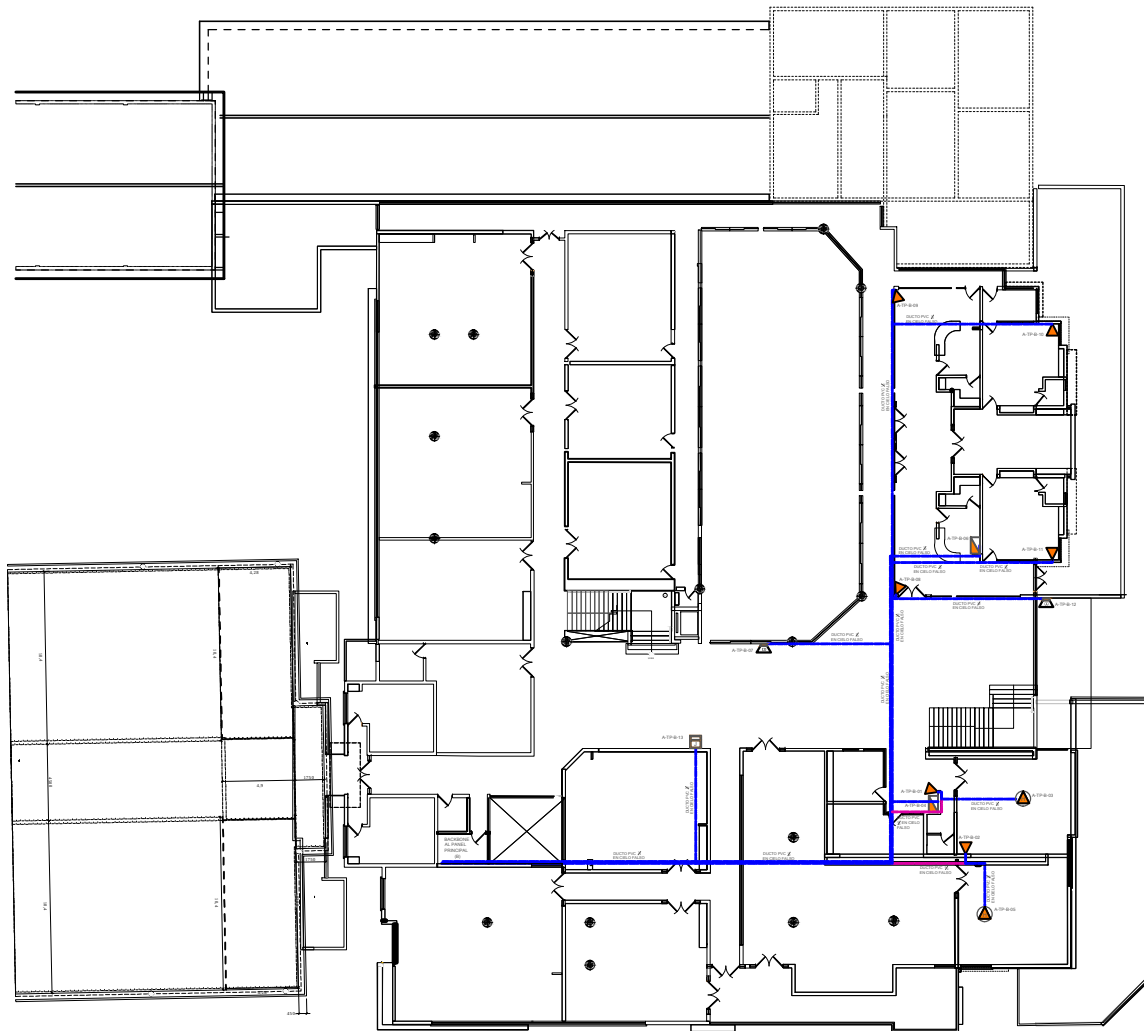
Tubo pvc 3/4

UNIVERSIDAD AUTÓNOMA JUAN MISAEL SARACHO			
PROYECTO CONSTRUCCIÓN Y DOTACIÓN MOBILIARIO NUÉVO BLOQUE FACULTAD DE ODONTOLOGÍA CONSULTORÍA POR PRODUCTO			
ESTUDIO A		CÓDIGO FINAL	
PROYECTO		CONCEPTO	
SEGUNDO PISO - RED DE ALARMA		CÓDIGO 6/8	
ELABORÓ	TESOL S.R.L.	VERO. DIR. INFRAESTRUCTURA	VERO. SUPERVISIÓN ESTUDIO
1:100			
COORDINISTA	GERENTE PROY.	ESCALA	INDICADA
		FECHA: T.J.A.OCTUBRE2013	



- Punto de Datos "HY" (D-SP-X-XX) ▲
- Punto de Datos "Emptdo. Madera" (D-SP-X-XX) ▲
- Datos - Voz Compartido "HY" { (Vo-SP-C-XX) ▲
(D-SP-C-XX) ▲
- Punto Wifi "HZ" (D-SP-C-XX) ▲
- Punto de Video "HZ" (V-SP-C-XX) ▲
- Punto de Biometrico "HX" (D-SP-C-XX) ▲
- Puesto en "Cielo falso" ○
- Gabinete Principal (C) ■
- Gabinete Secundario (D) ■
- Tubo pvc 1/2 —
- Tubo pvc 3/4 —
- Tubo pvc 1" —
- Cable Canal 100x50 mm —
- Canal de Madera 100x150 mm —
- H2= Altura Piso-Pto: 2.35m.
H3= Altura Piso-Pto: 1.45m.
H4= Altura Piso-Pto: 0.35m.

UNIVERSIDAD AUTÓNOMA JUAN MISAEL SARACHO			
PROYECTO CONSTRUCCIÓN Y DOTACIÓN MOBILIARIO NUEVO BLOQUE FACULTAD DE ODONTOLOGÍA: CONSULTORIA POR PRODUCTO			
OTORGADA DESDÓ FINA CARÁCTER		SEGUNDO PISO - RED DE DATOS	
ECUFIZ TRESOL S.A.L.	DIR. DIR. INFRAESTRUCTURA	SUPERVISIÓN ESTUDIO	1/100
ESPECIALISTA GERENTE PROJ.	ESCALA: INDICADA	ECUFIZ: T.J.A. OCTUBRE 2013	5/8

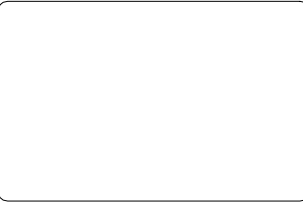
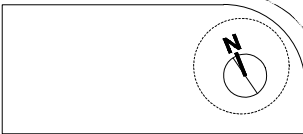
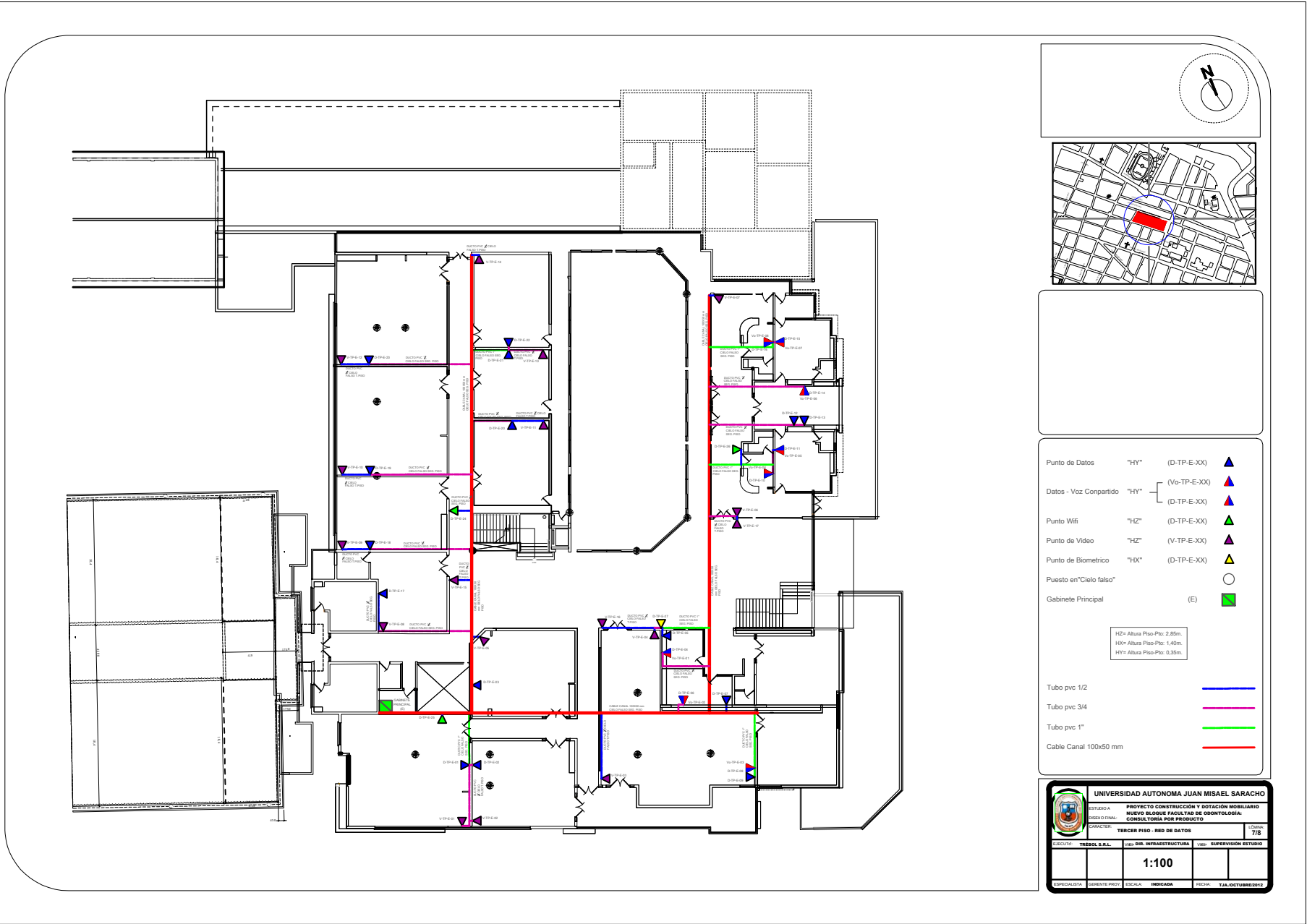


- Sensor de Movimiento "HZ" (A-TP-B-XX) 
- Sensor de Humo (A-TP-B-XX) 
- Sirena - S.estrobo "HZ" (A-TP-B-XX) 
- Teclado "HX" (A-TP-B-XX) 
- Jalador de Incendio "HX" (A-TP-B-XX) 
- Puesto en "Cielo Falso" 

HZ= Altura Piso-Pto: 2,85m.
 HX= Altura Piso-Pto: 1,40m.
 HY= Altura Piso-Pto: 0,35m.

Backbone "Panel Principal" (B) 
 Tubo pvc 1/2 
 Tubo pvc 3/4 

UNIVERSIDAD AUTONOMA JUAN MISAEEL SARACHO			
	ESTUDIO A: PROYECTO CONSTRUCCIÓN Y DOTACIÓN MOBILIARIO		
	DISEÑO FINAL: NUEVO BLOQUE FACULTAD DE ODONTOLOGIA		
	CONSTRUCION: CONSULTORIA POR PRODUCTO		
CLIENTE:	TERCER PISO - RED DE ALARMA	FECHA:	8/8
ELABORADO:	TERESOL, S.A.S.	REVISADO:	RED DE INFRAESTRUCTURA
		REVISADO:	SUPERVISIÓN ESTUDIO
1:100			
ESPECIALISTA:	COORDINADOR:	ESCALA:	INDICADA
		FECHA:	17/10/2012



UNIVERSIDAD AUTONOMA JUAN MISAEL SARACHO

PROYECTO CONSTRUCCION Y DOTACION MOBILIARIO

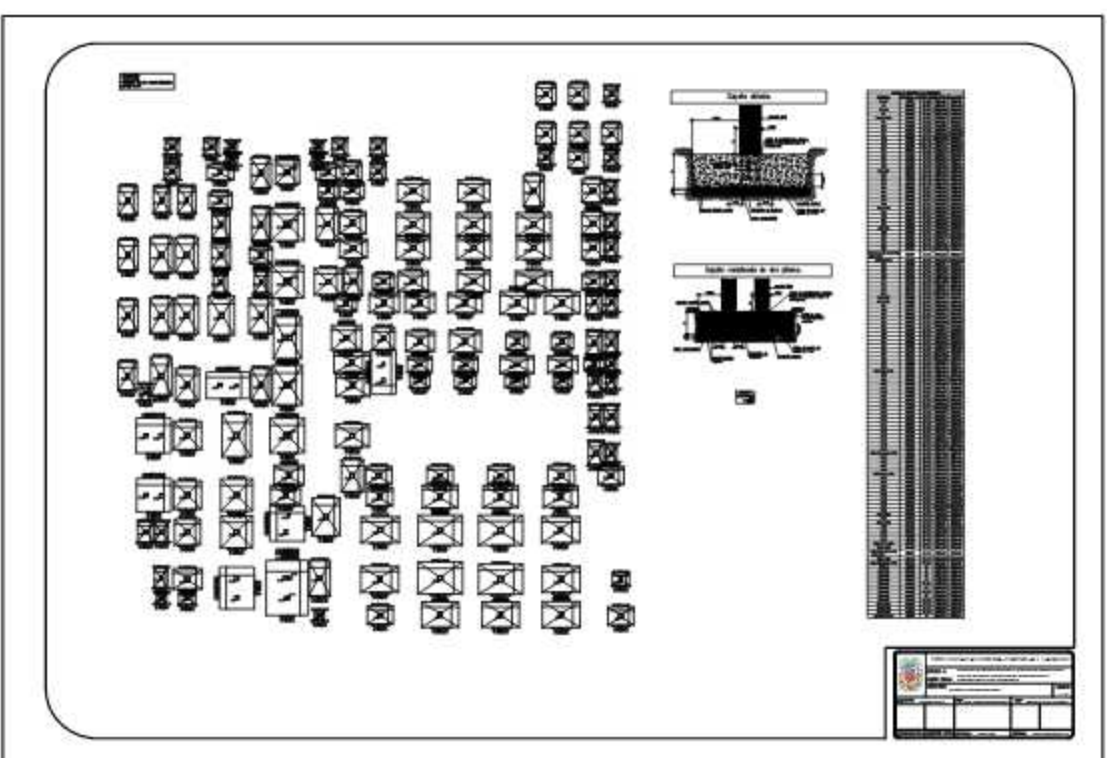
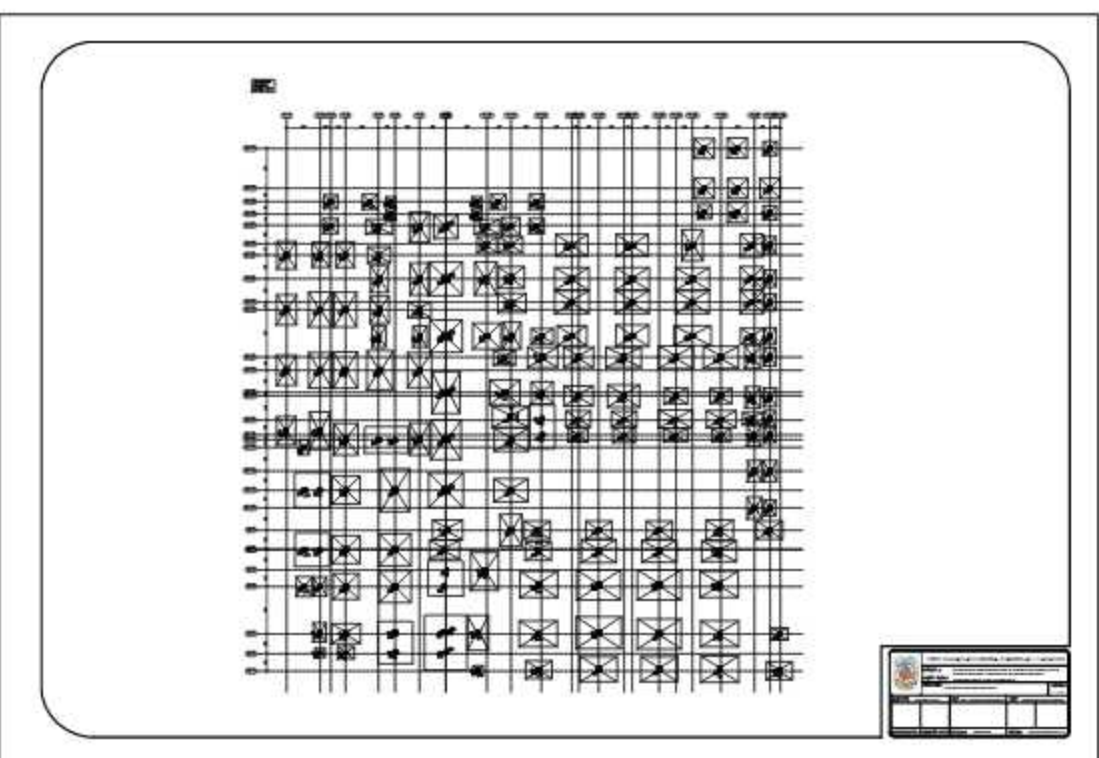
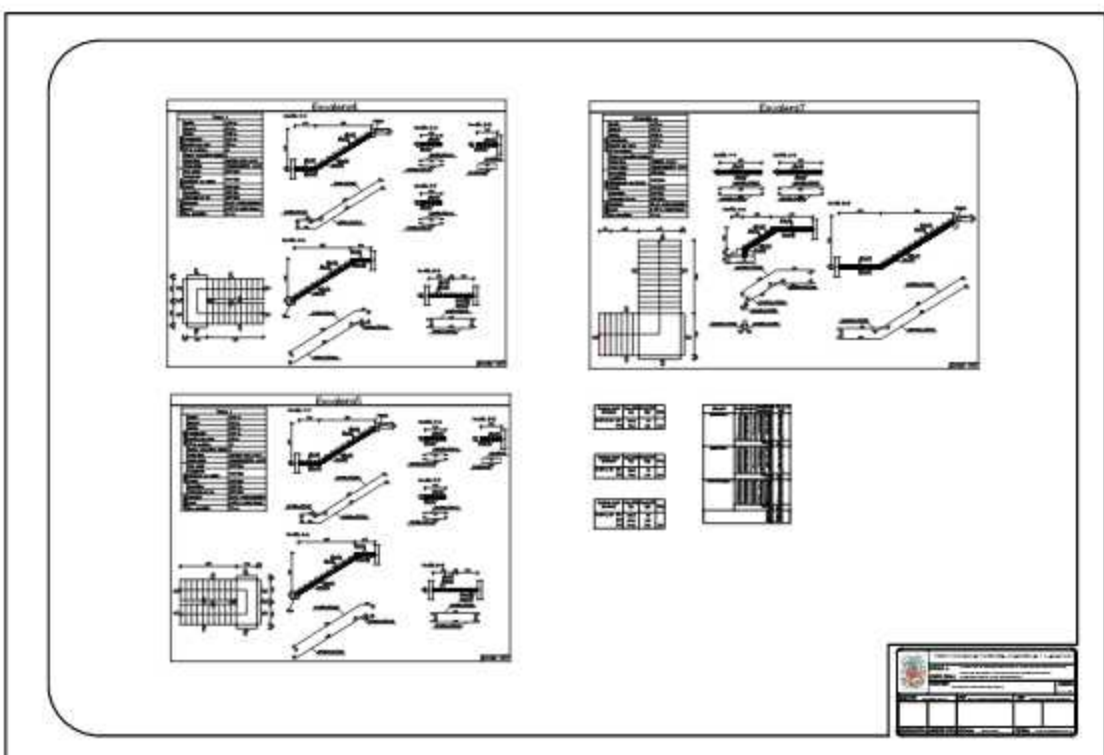
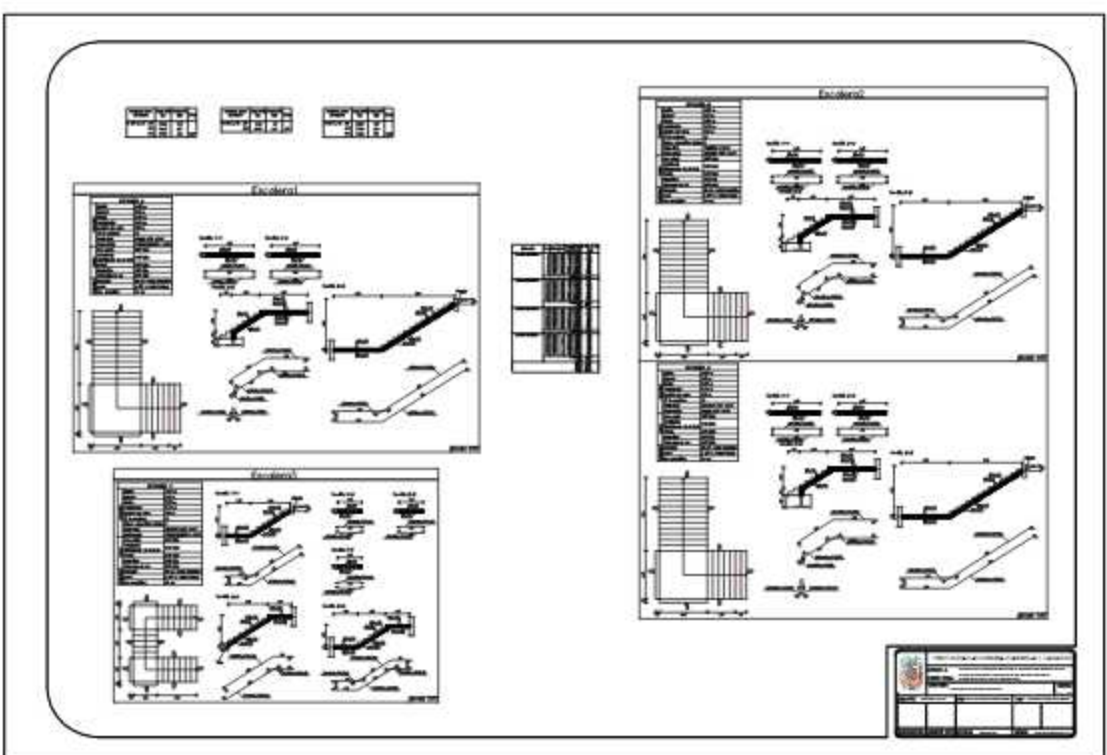
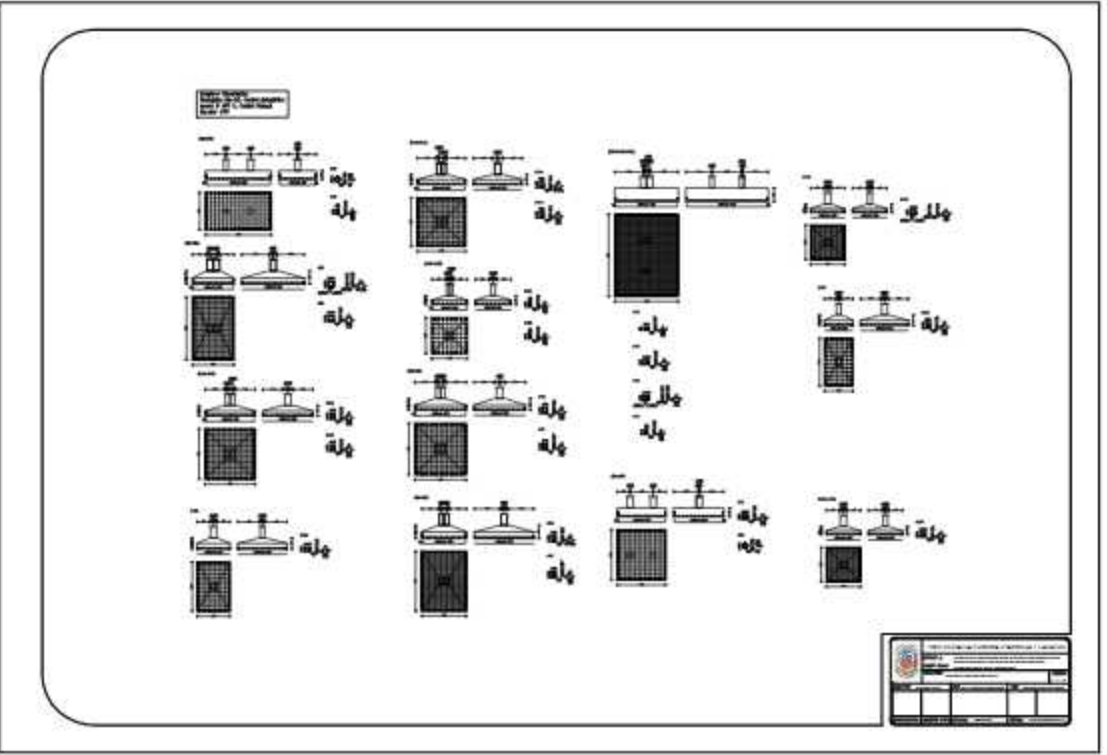
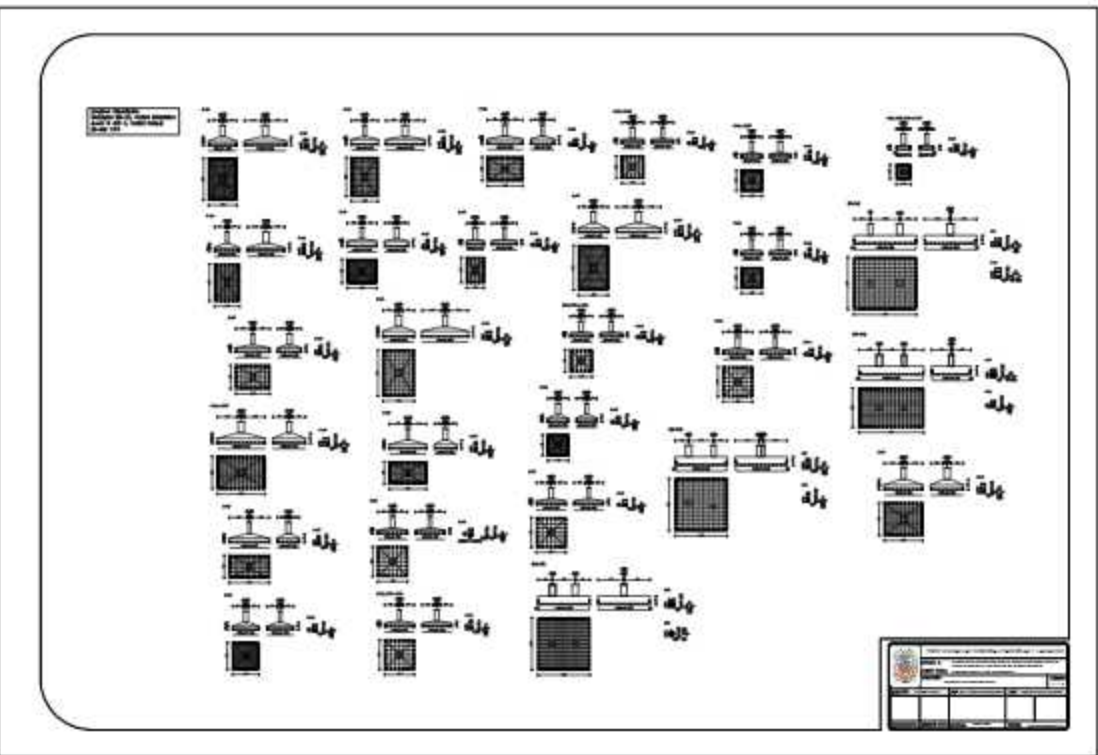
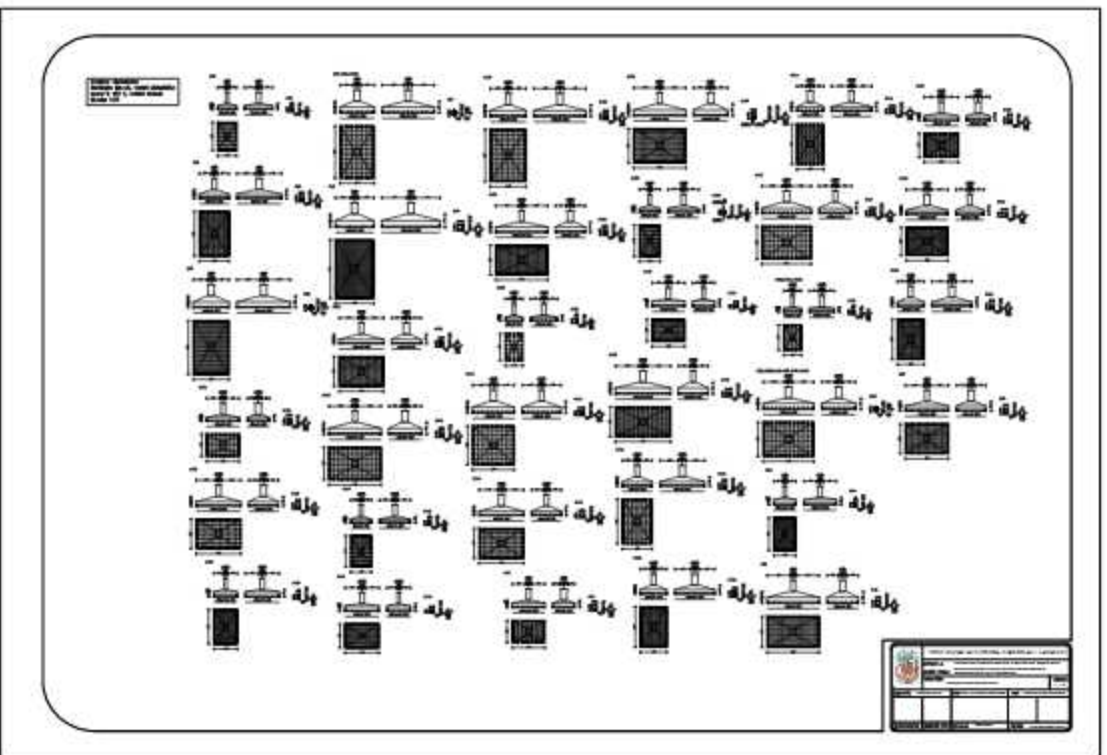
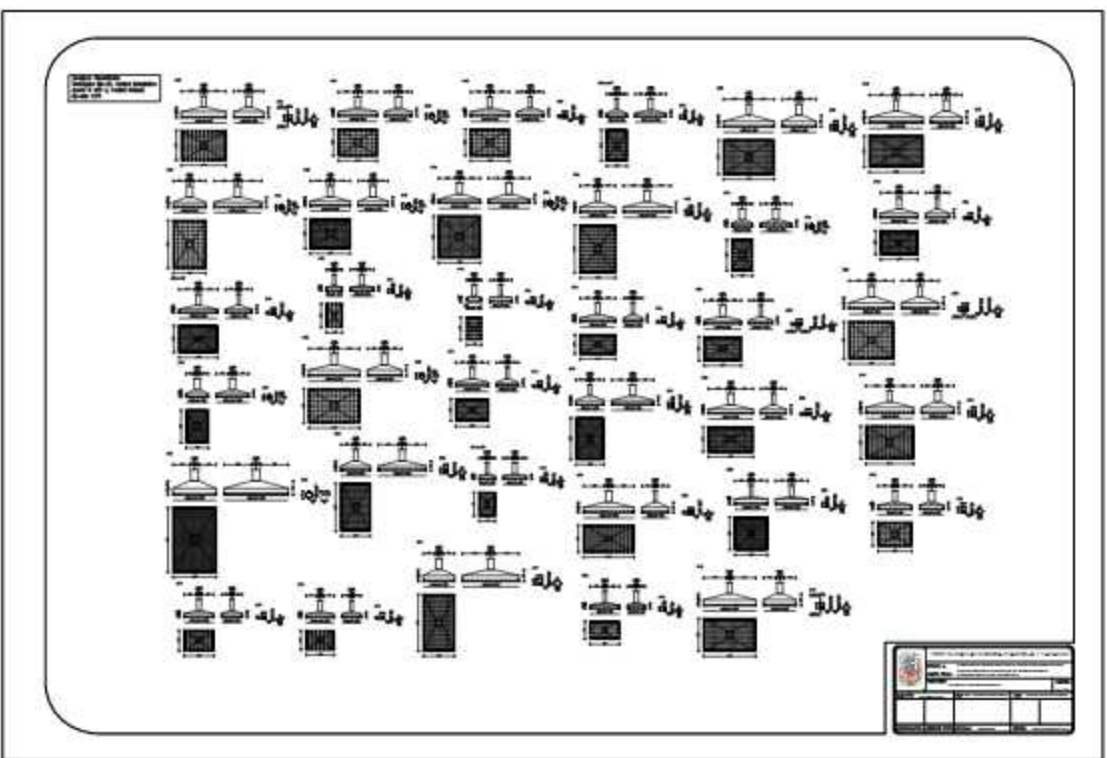
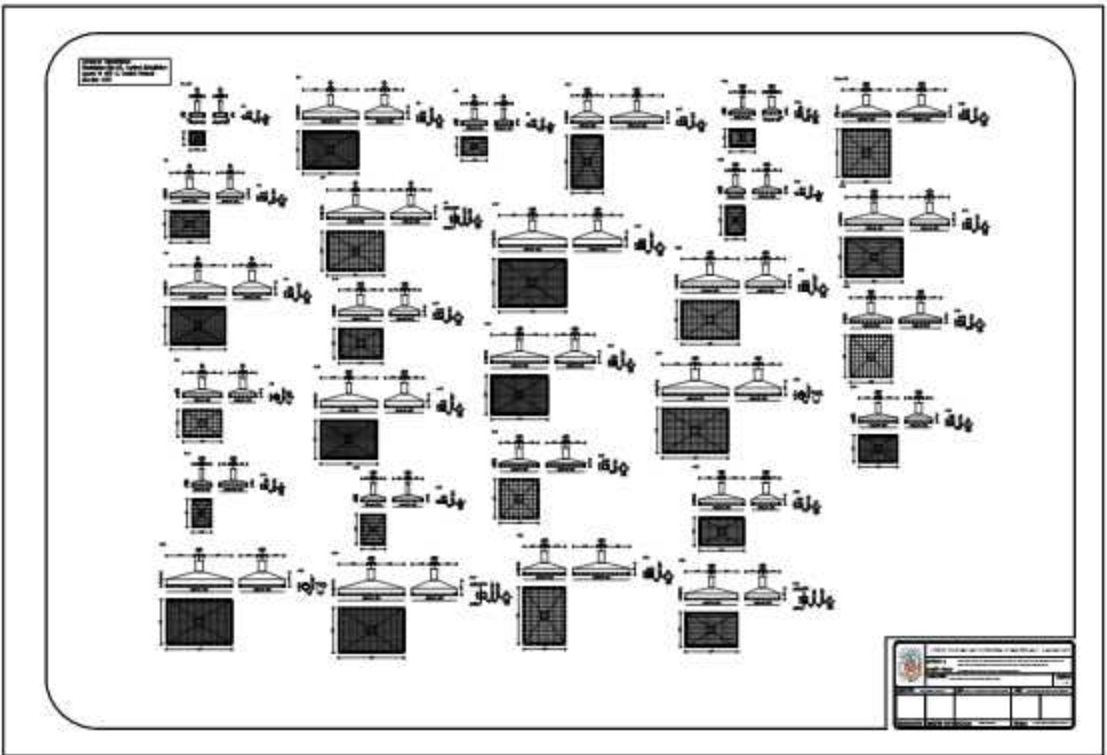
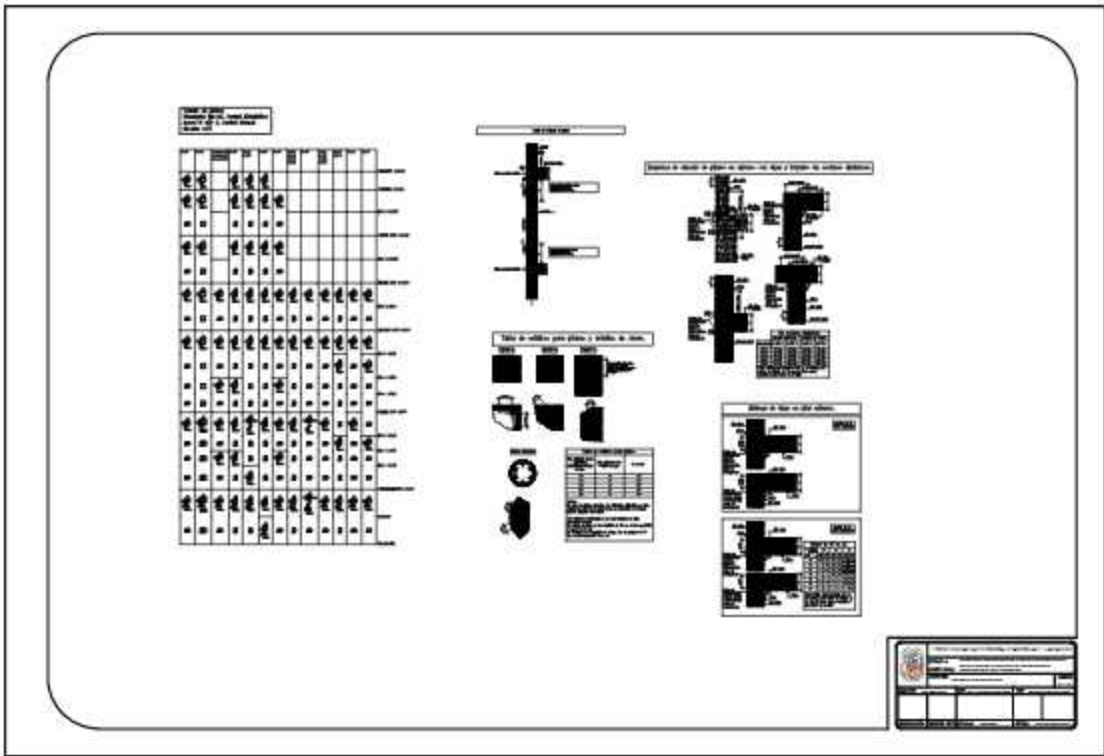
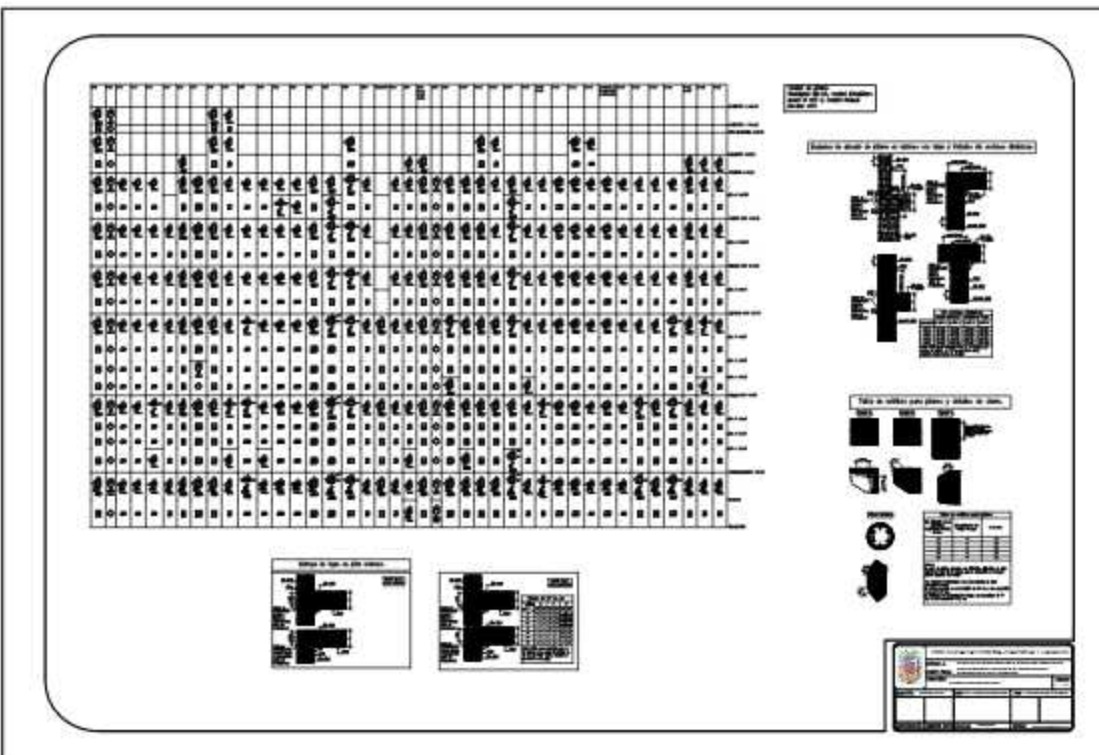
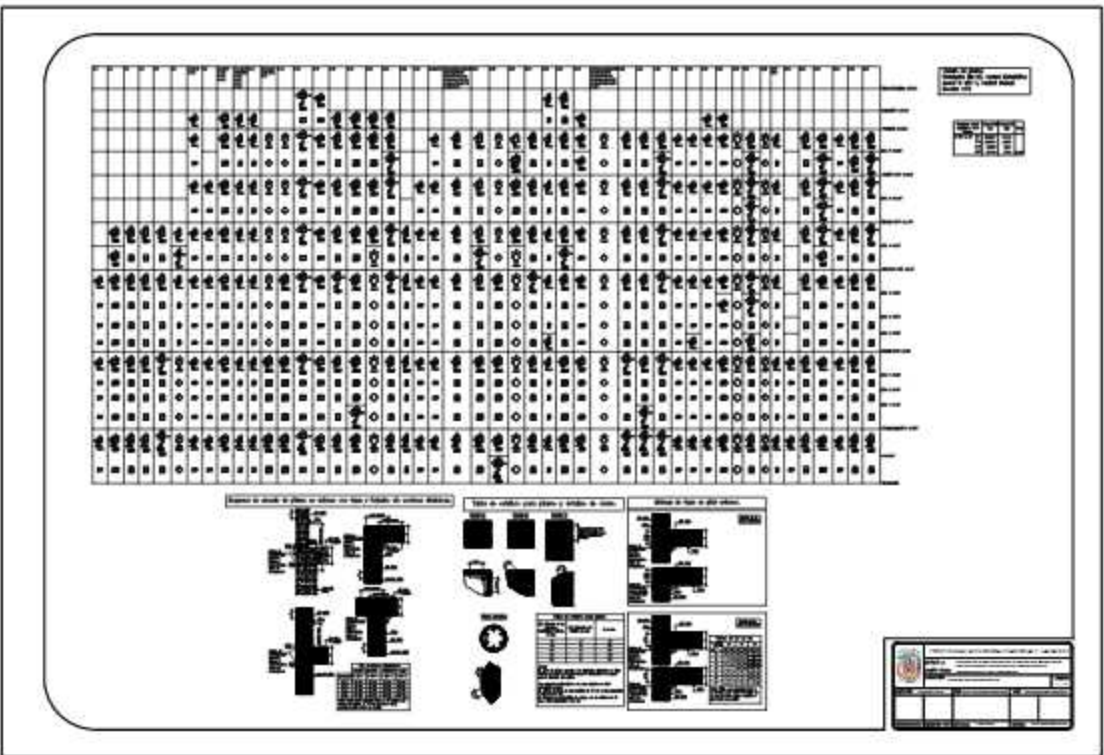
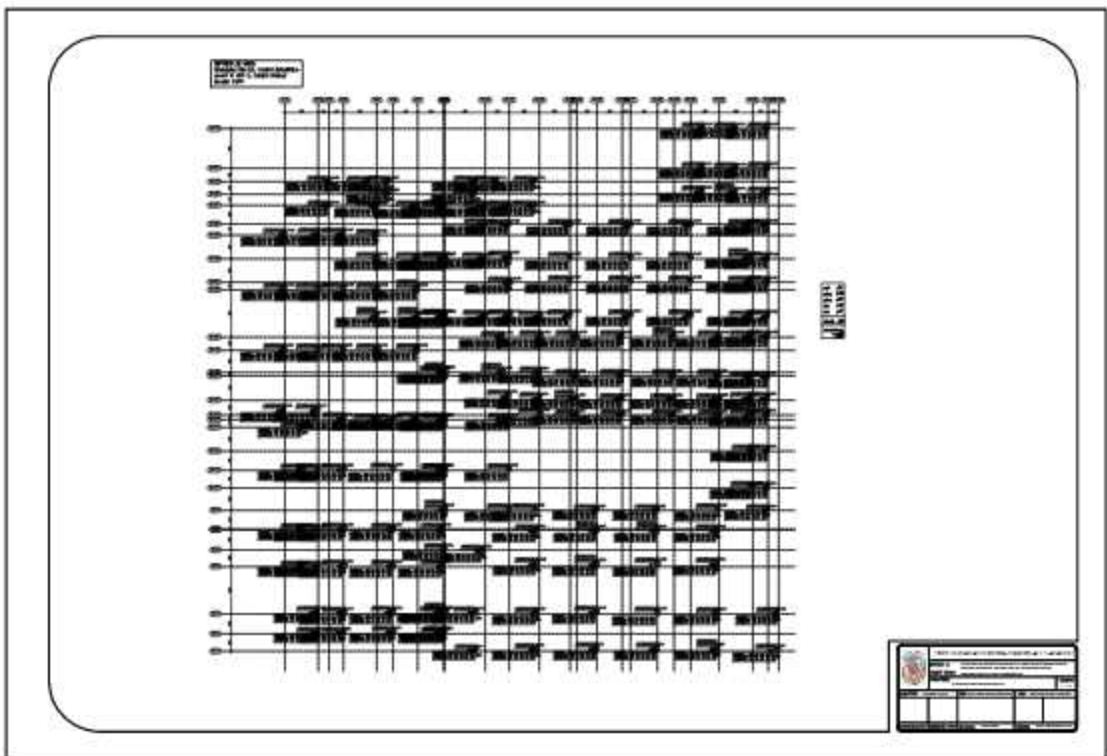
NOUEVO BLOQUE FACULTAD DE ODONTOLOGIA

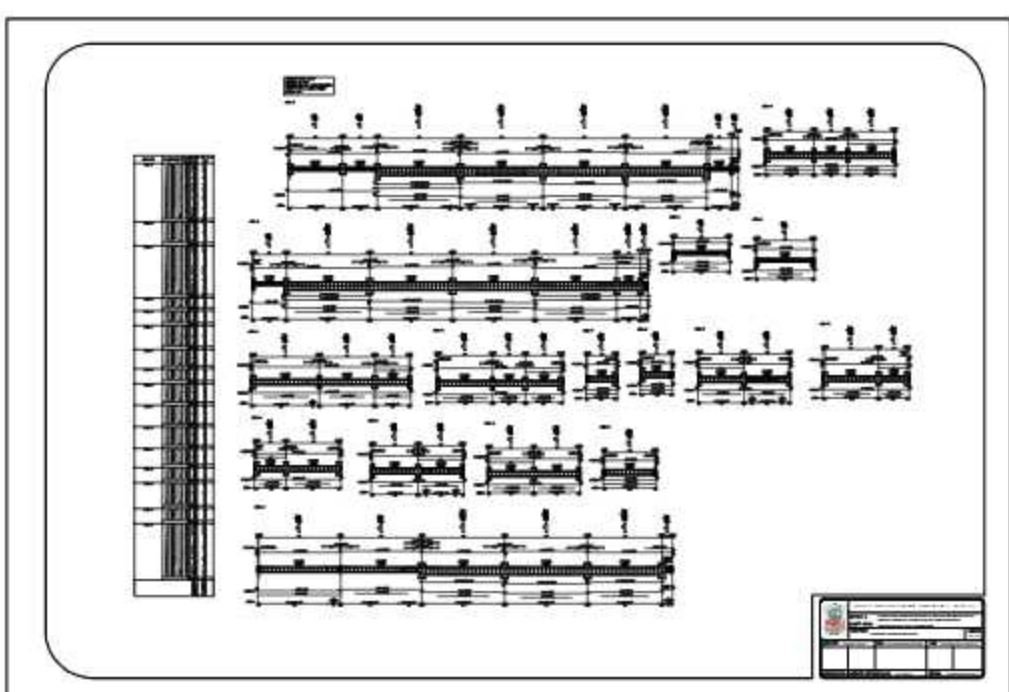
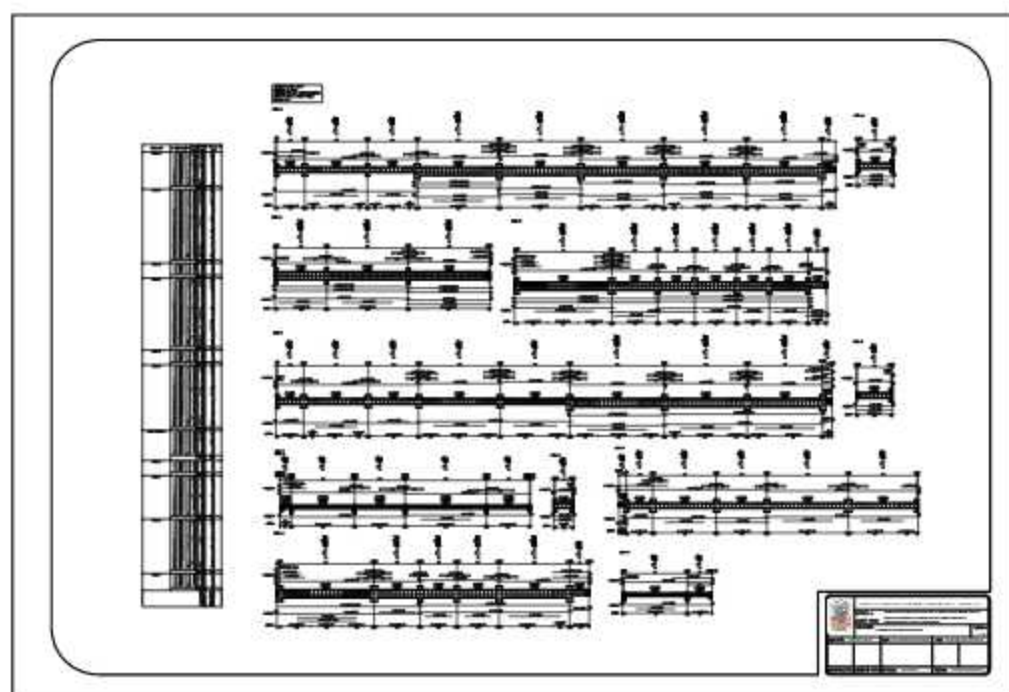
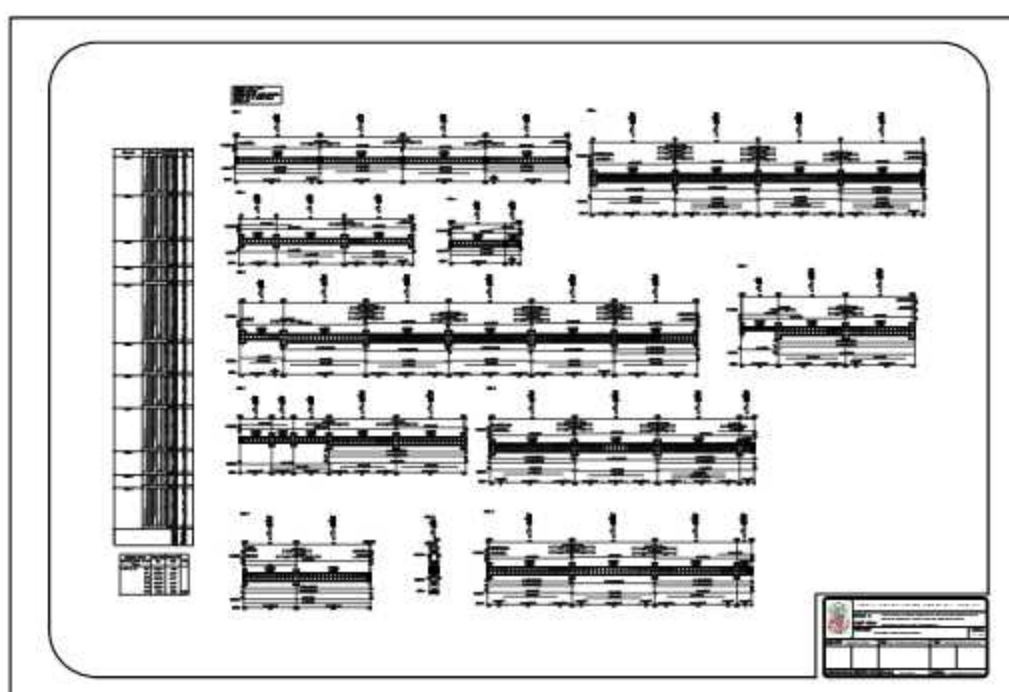
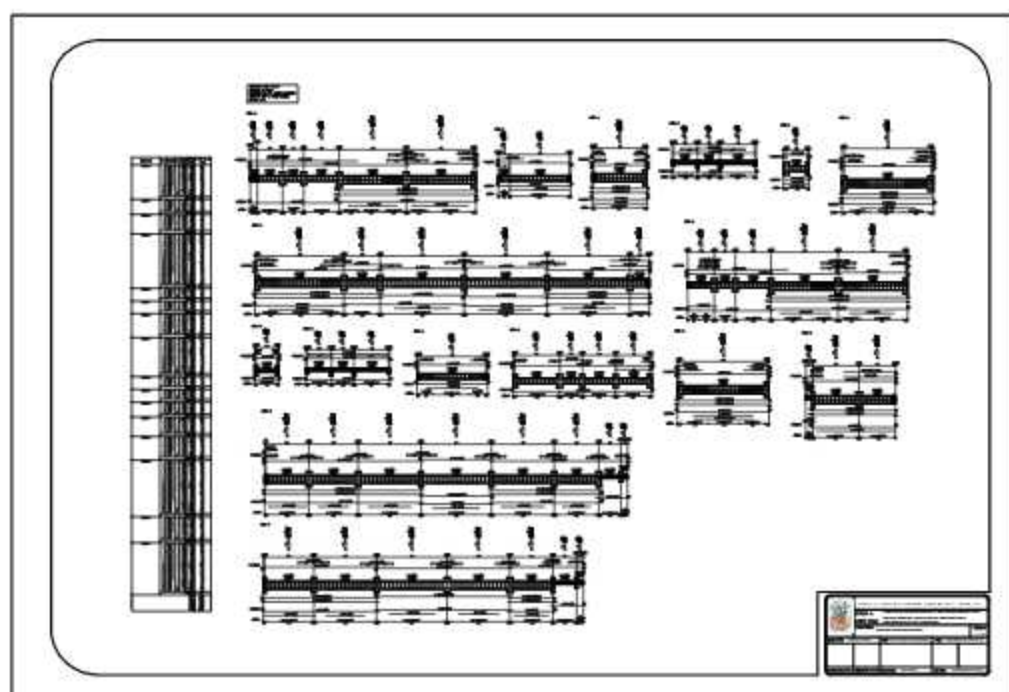
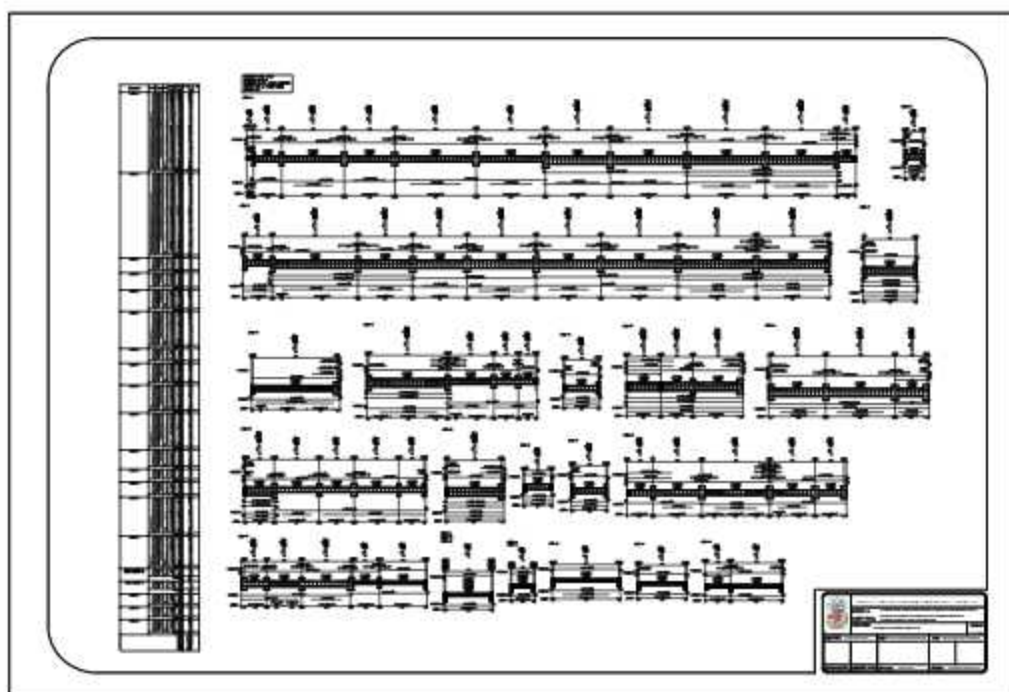
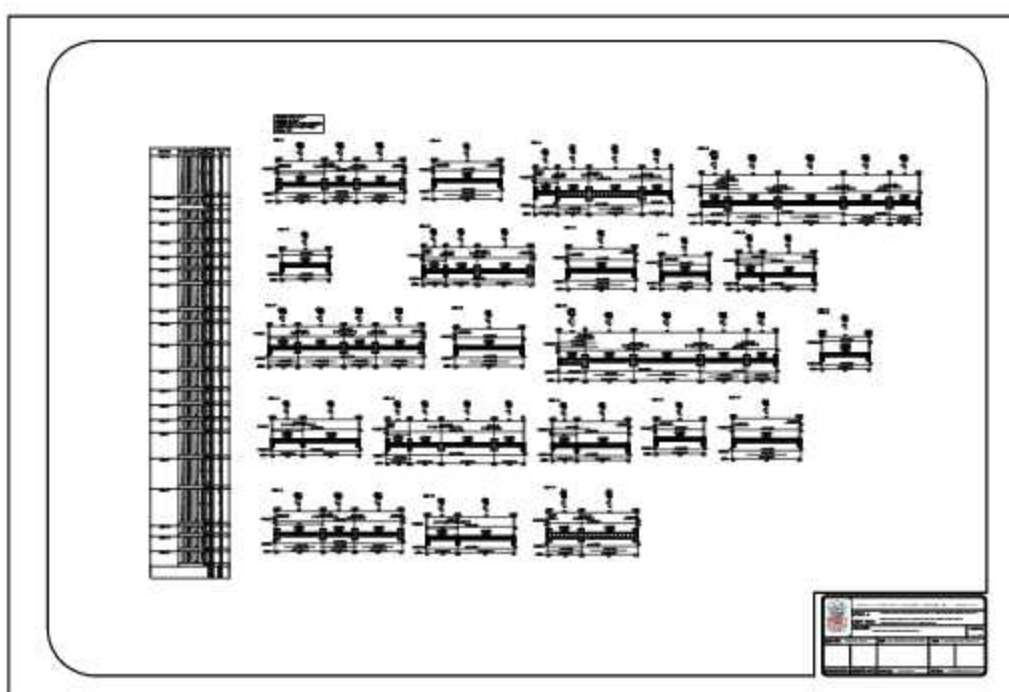
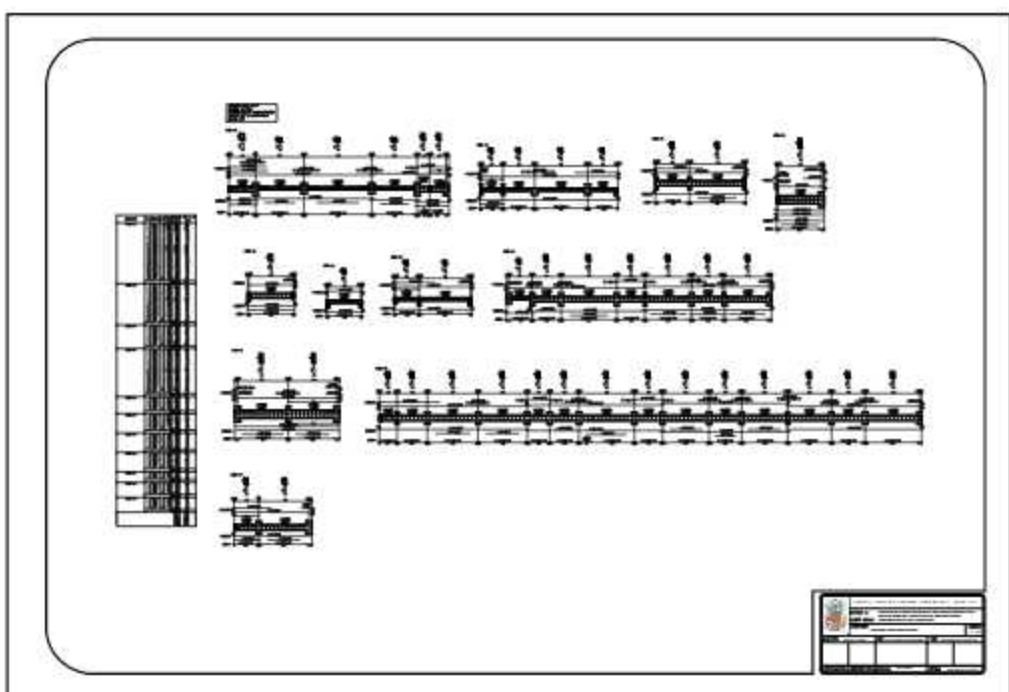
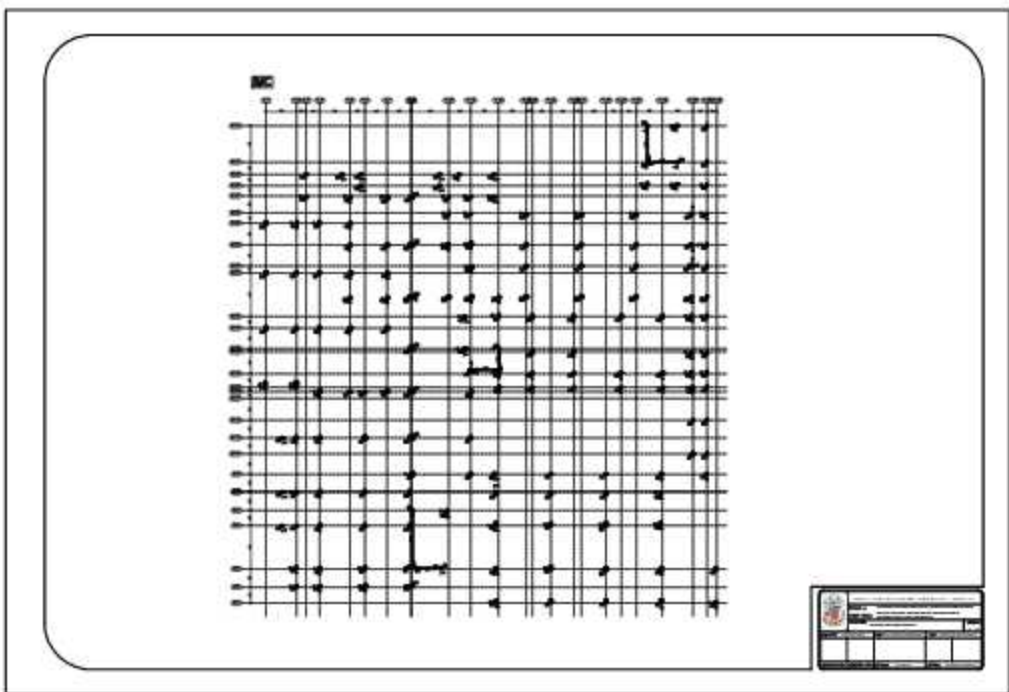
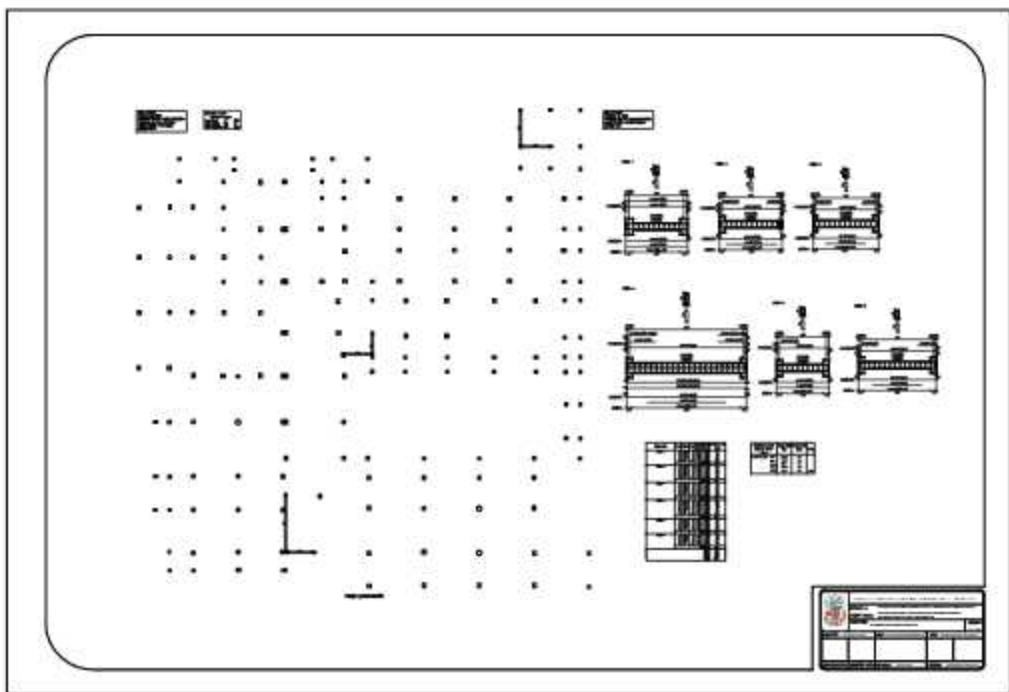
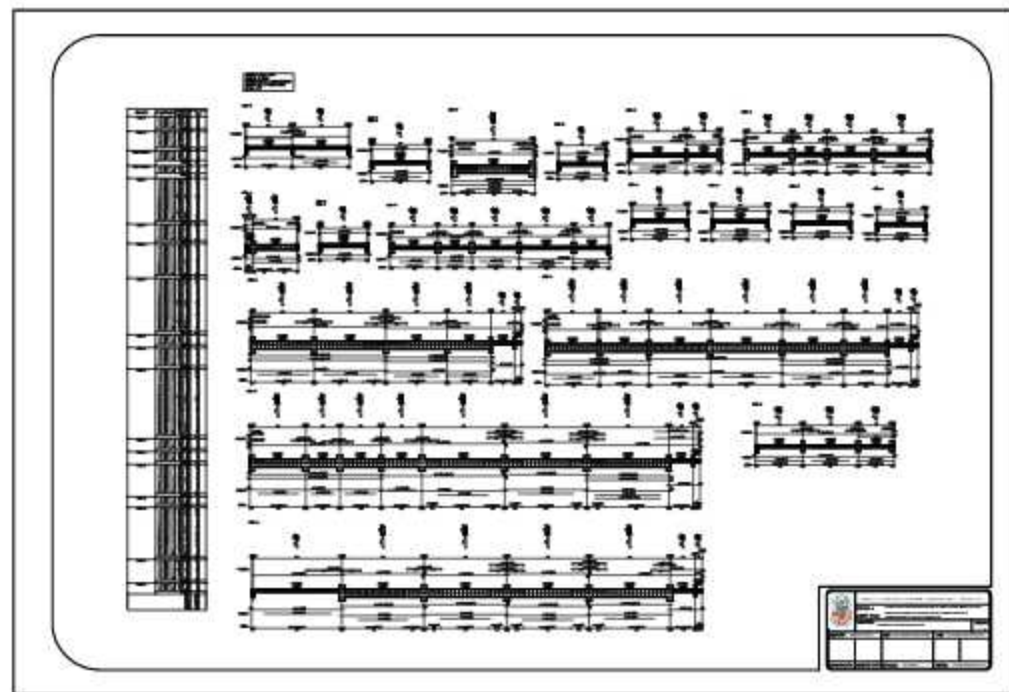
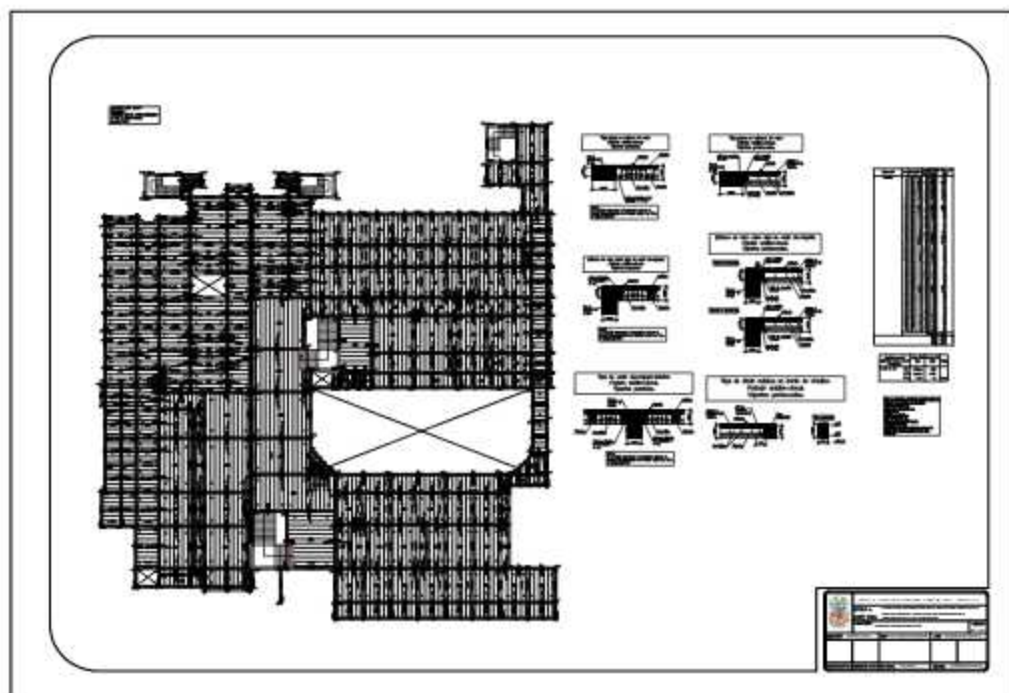
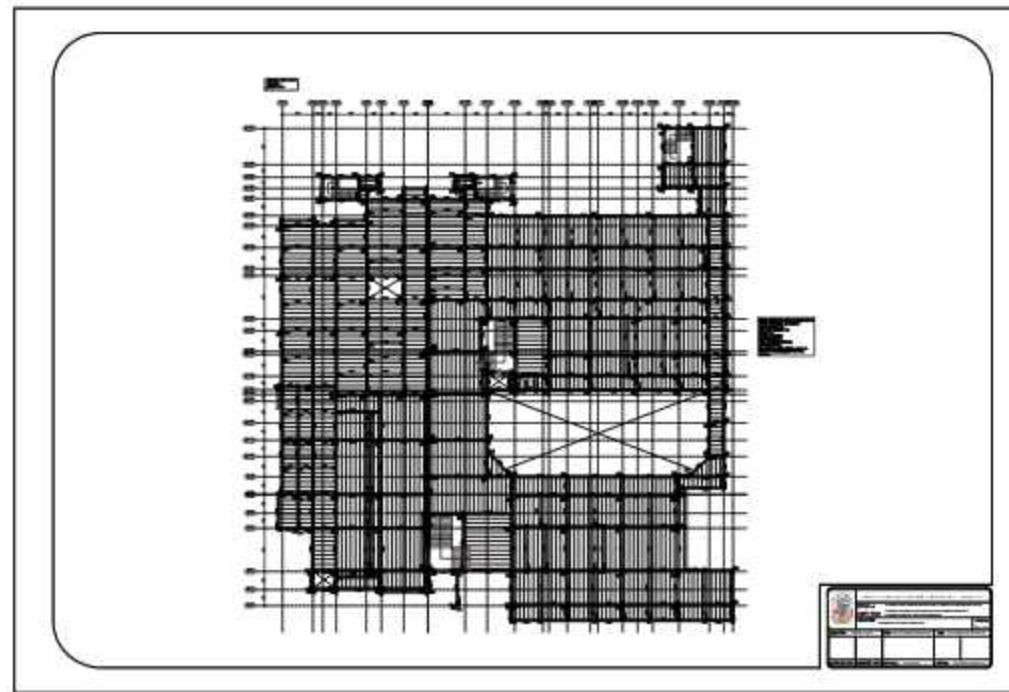
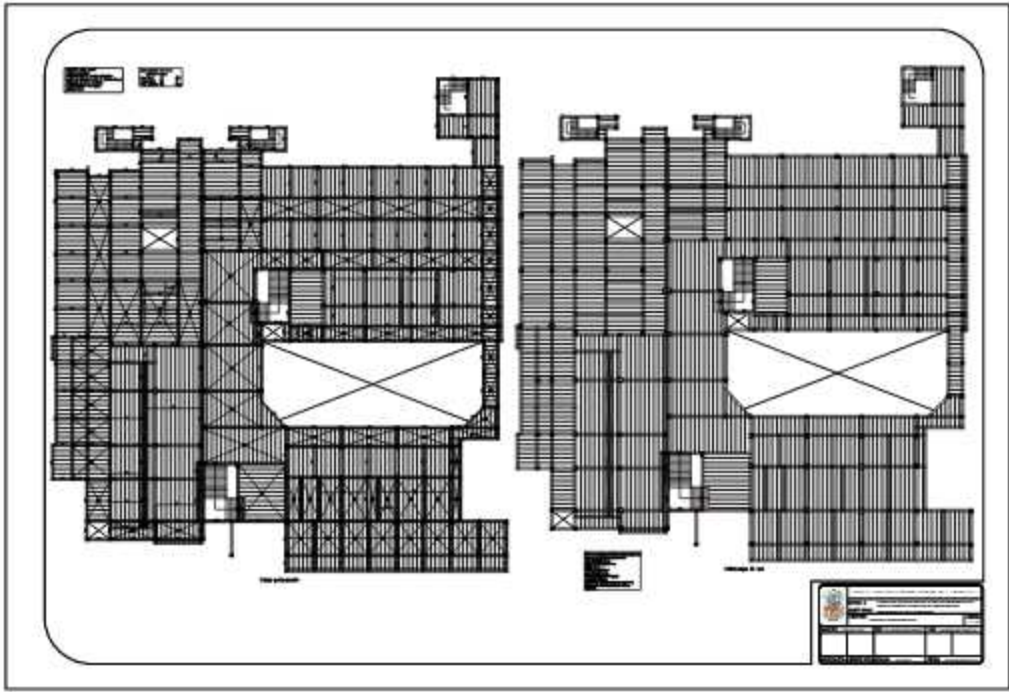
CONSULTORIA POR PRODUCTO

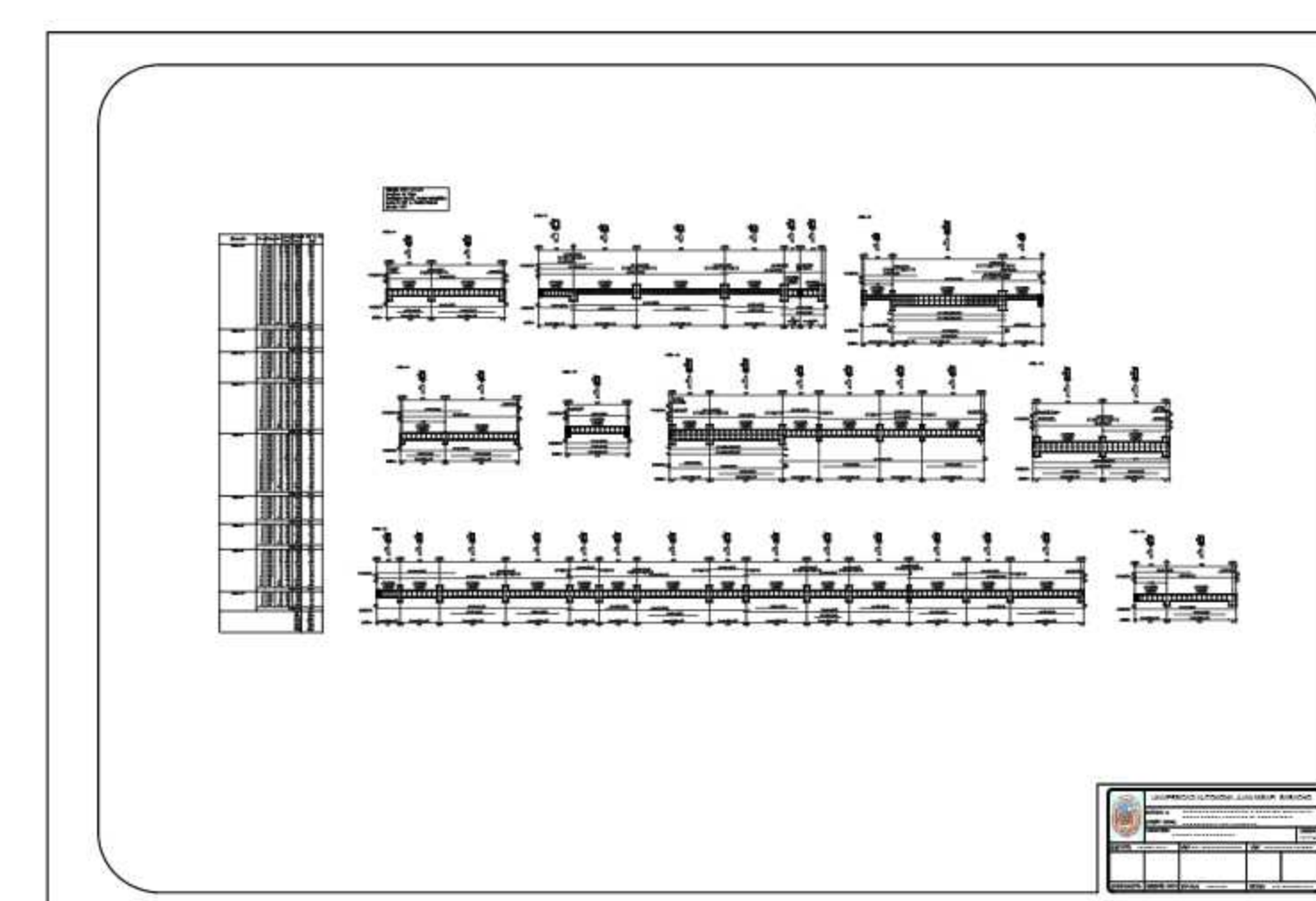
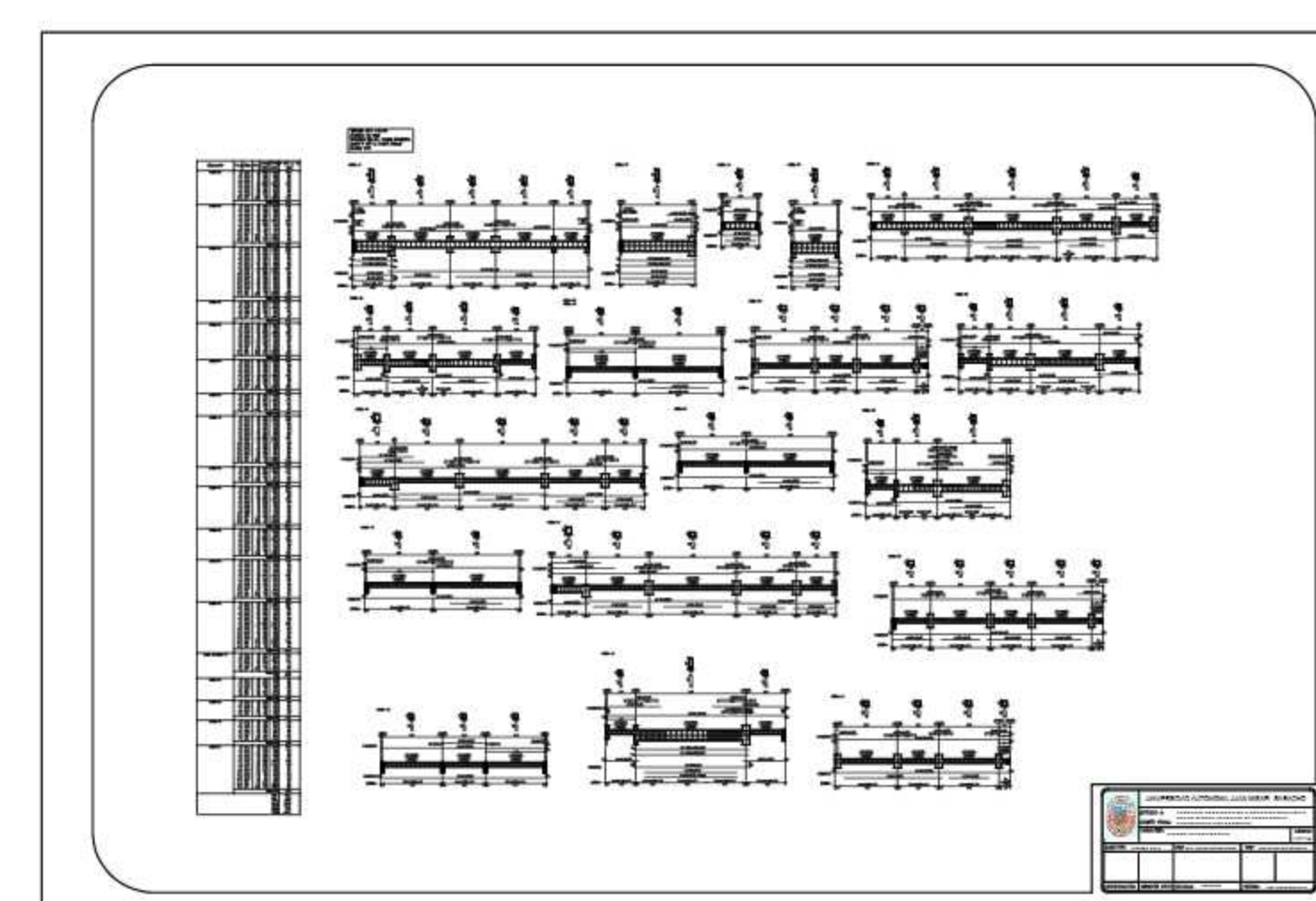
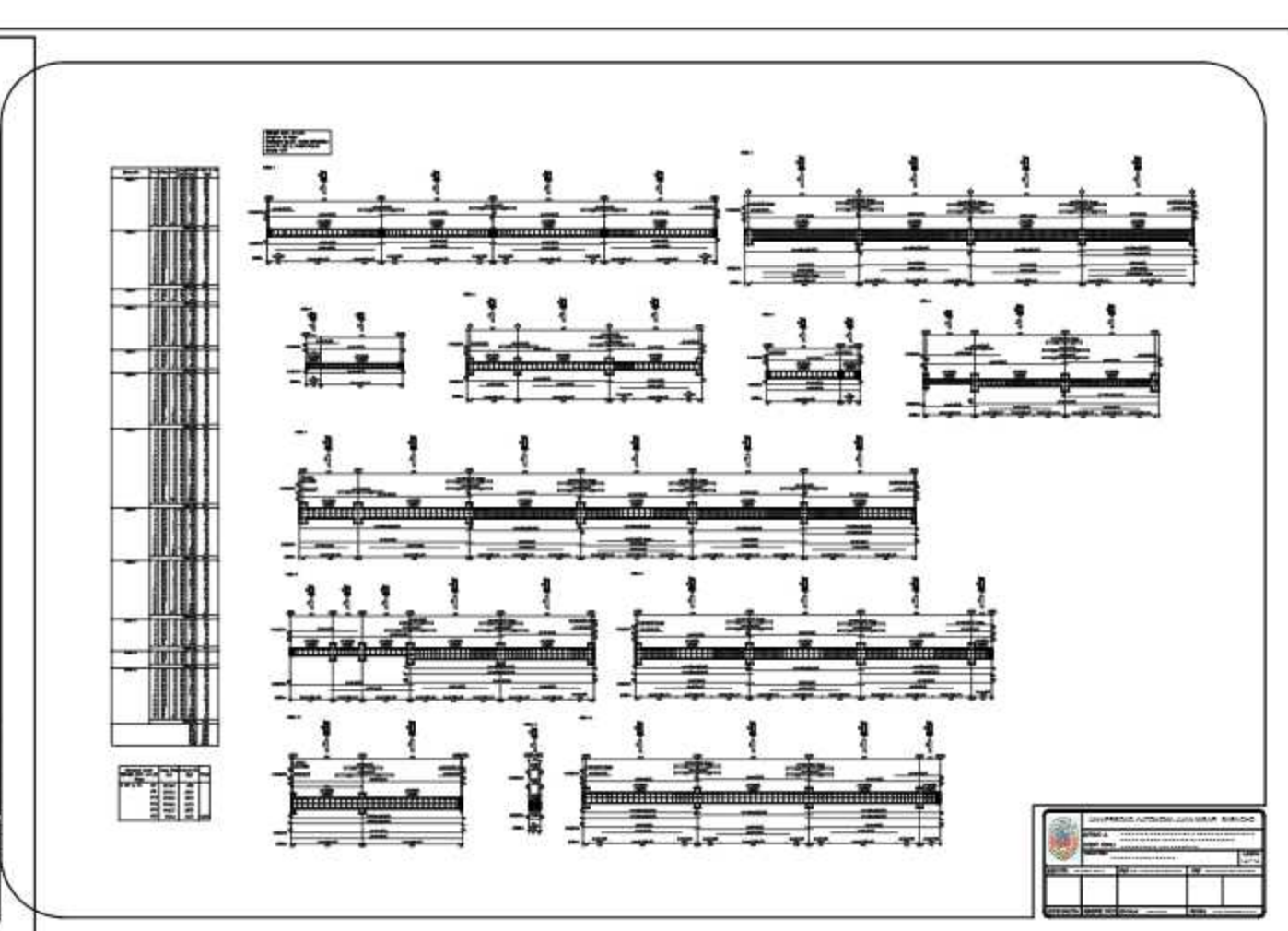
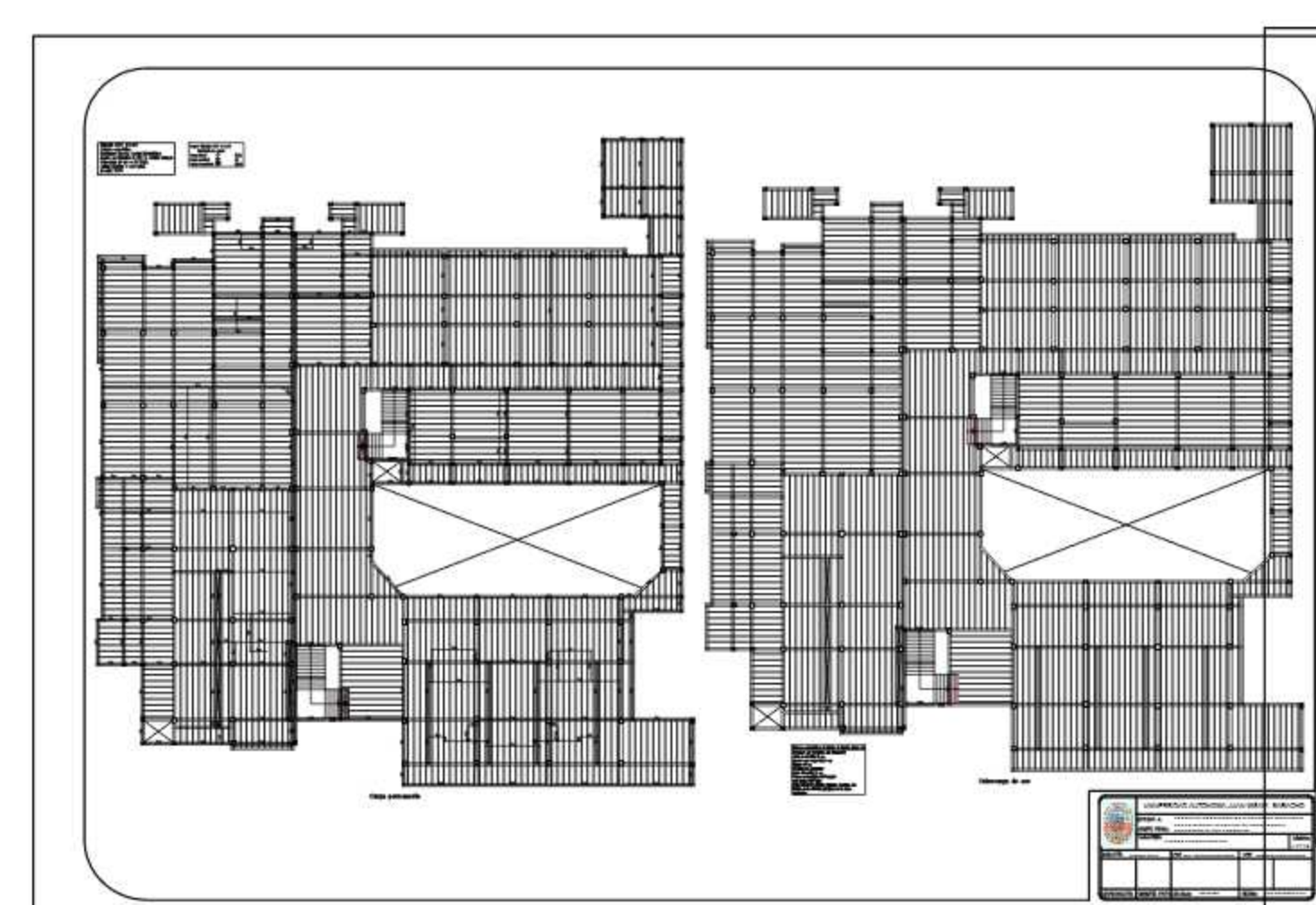
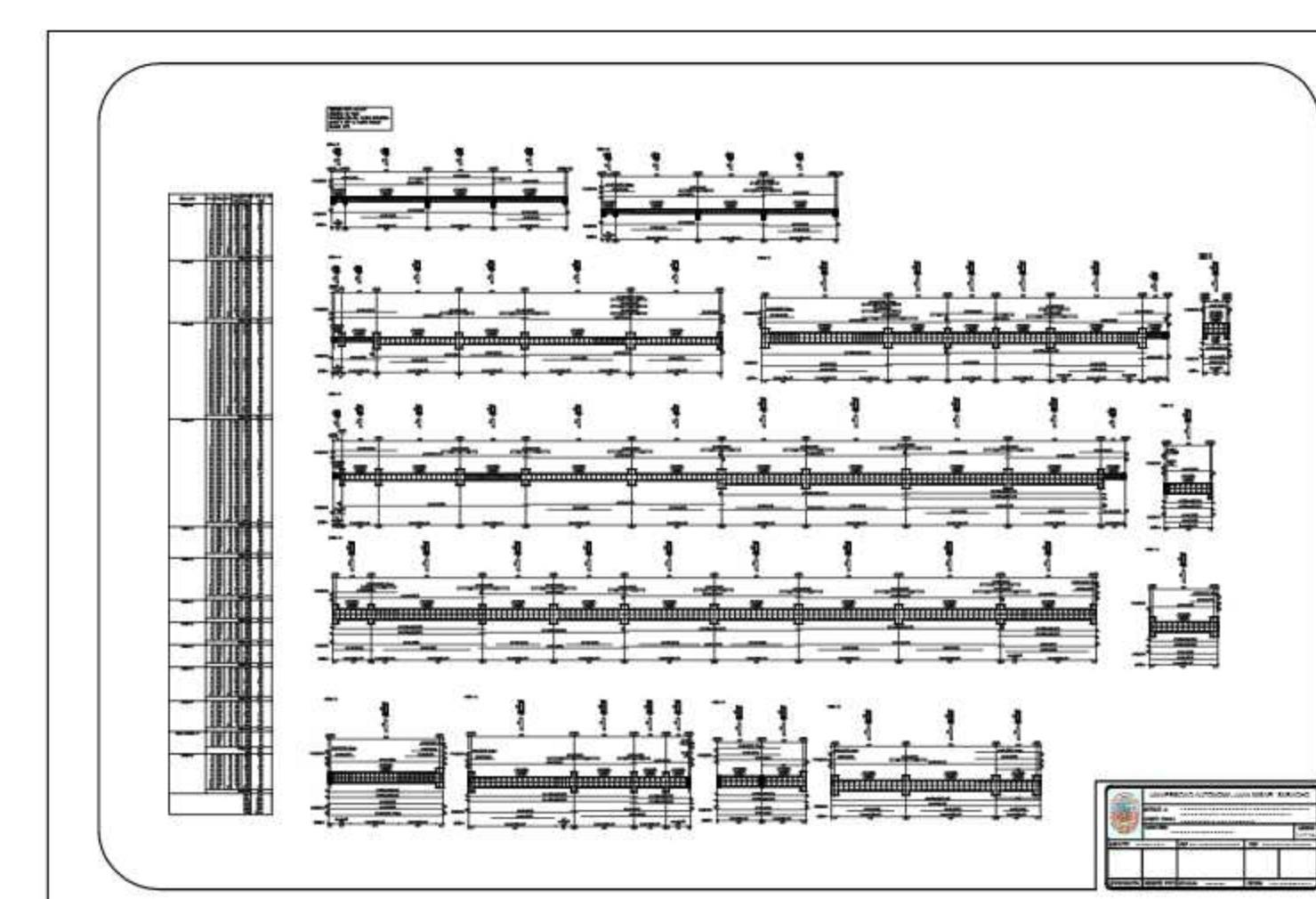
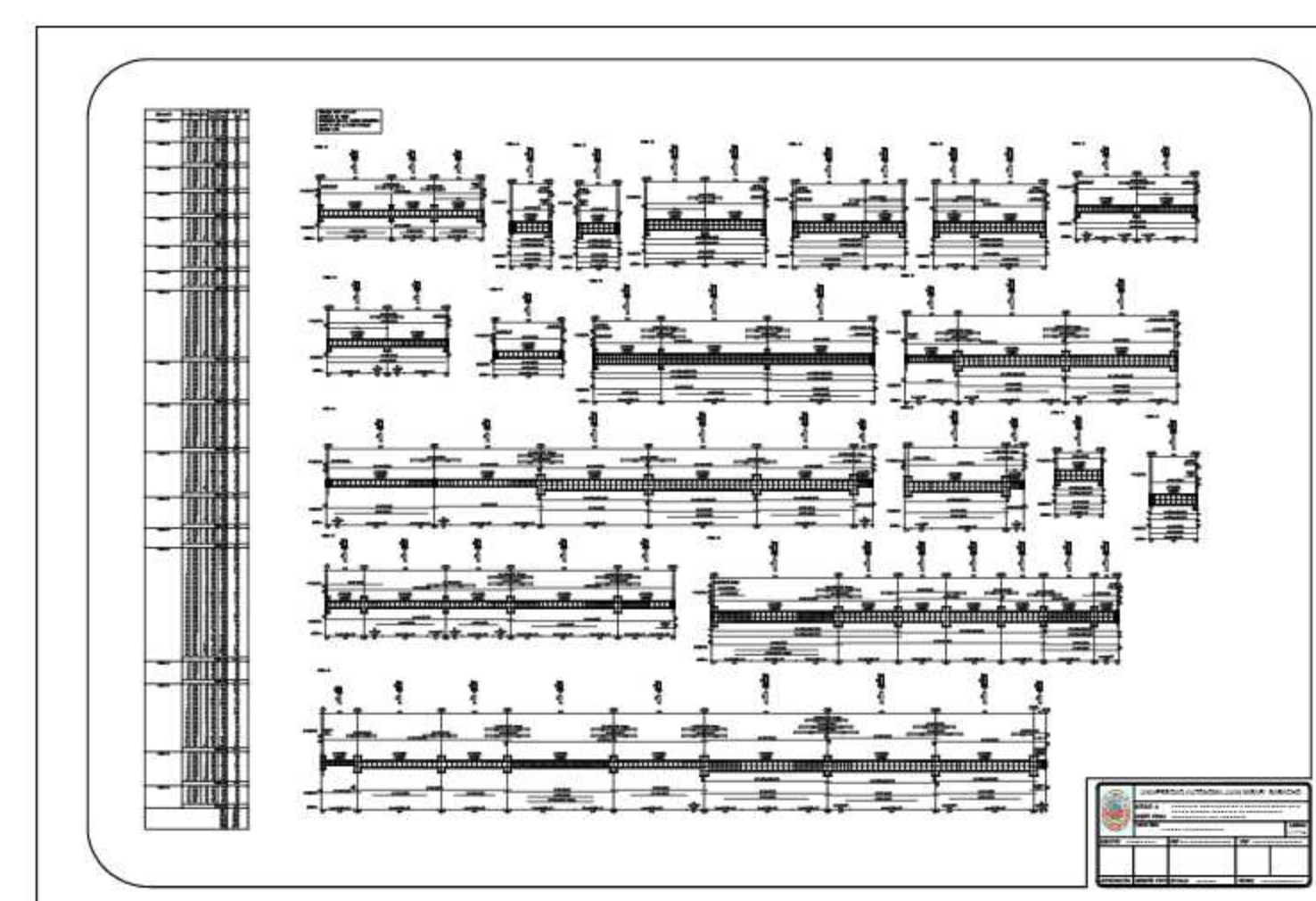
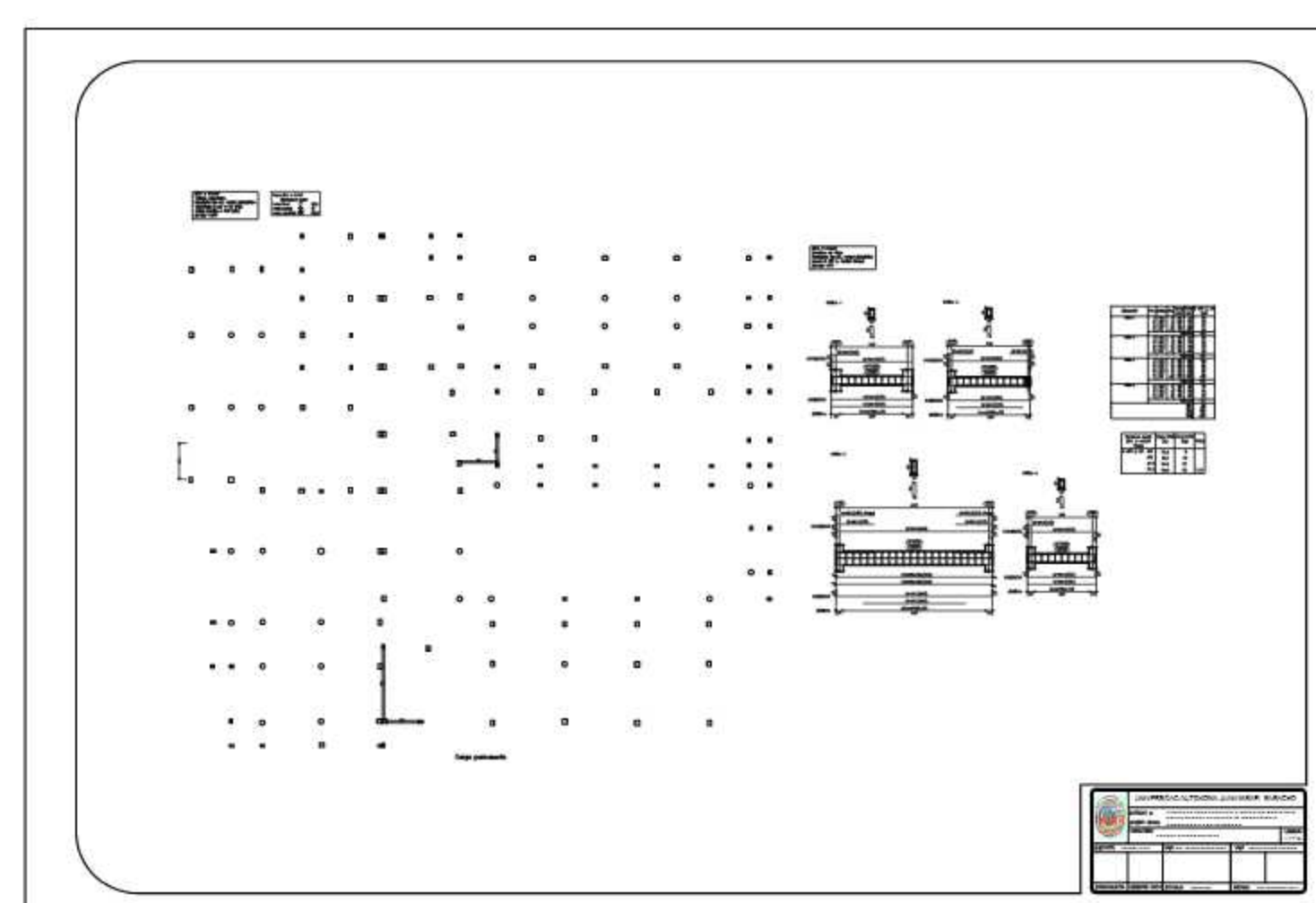
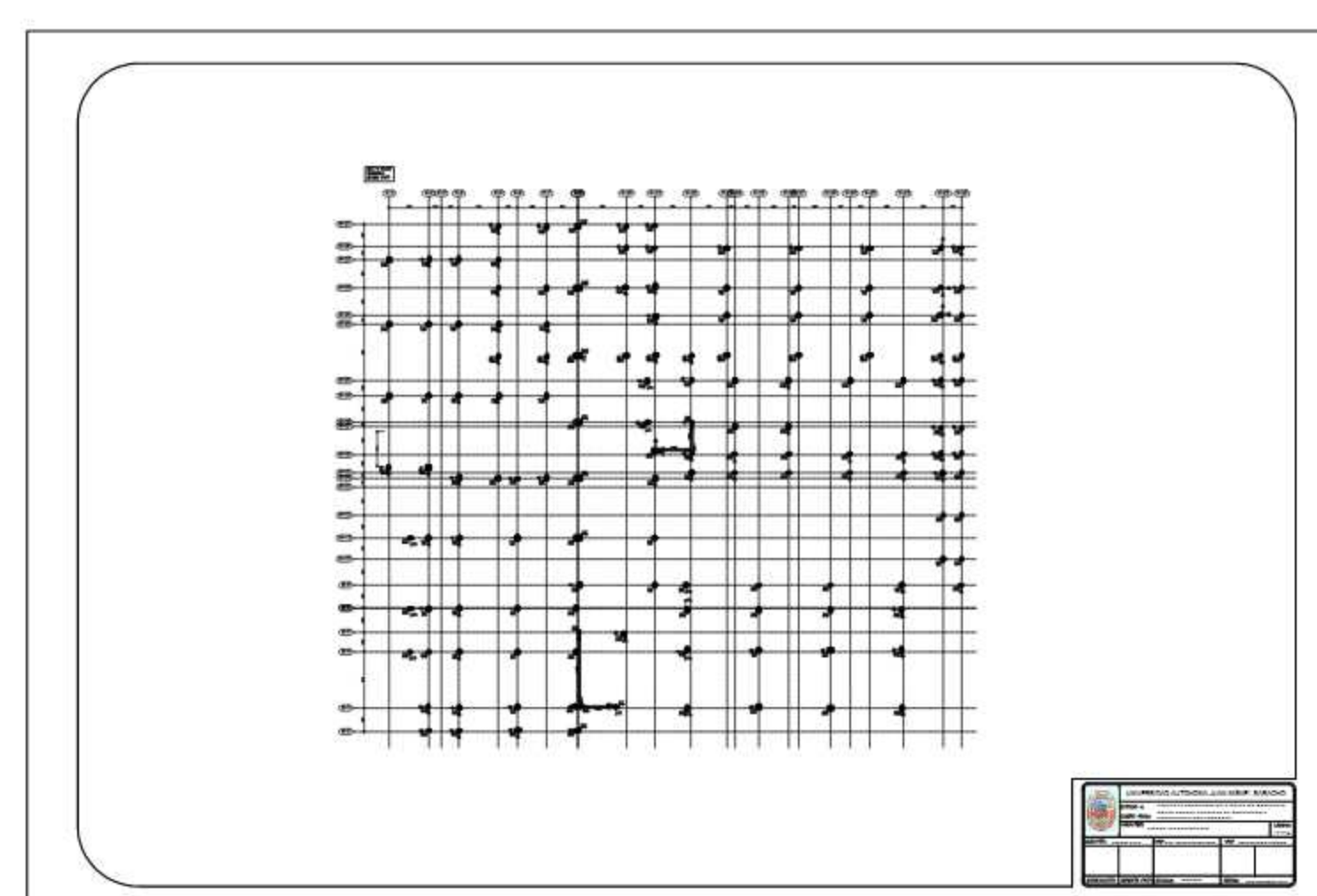
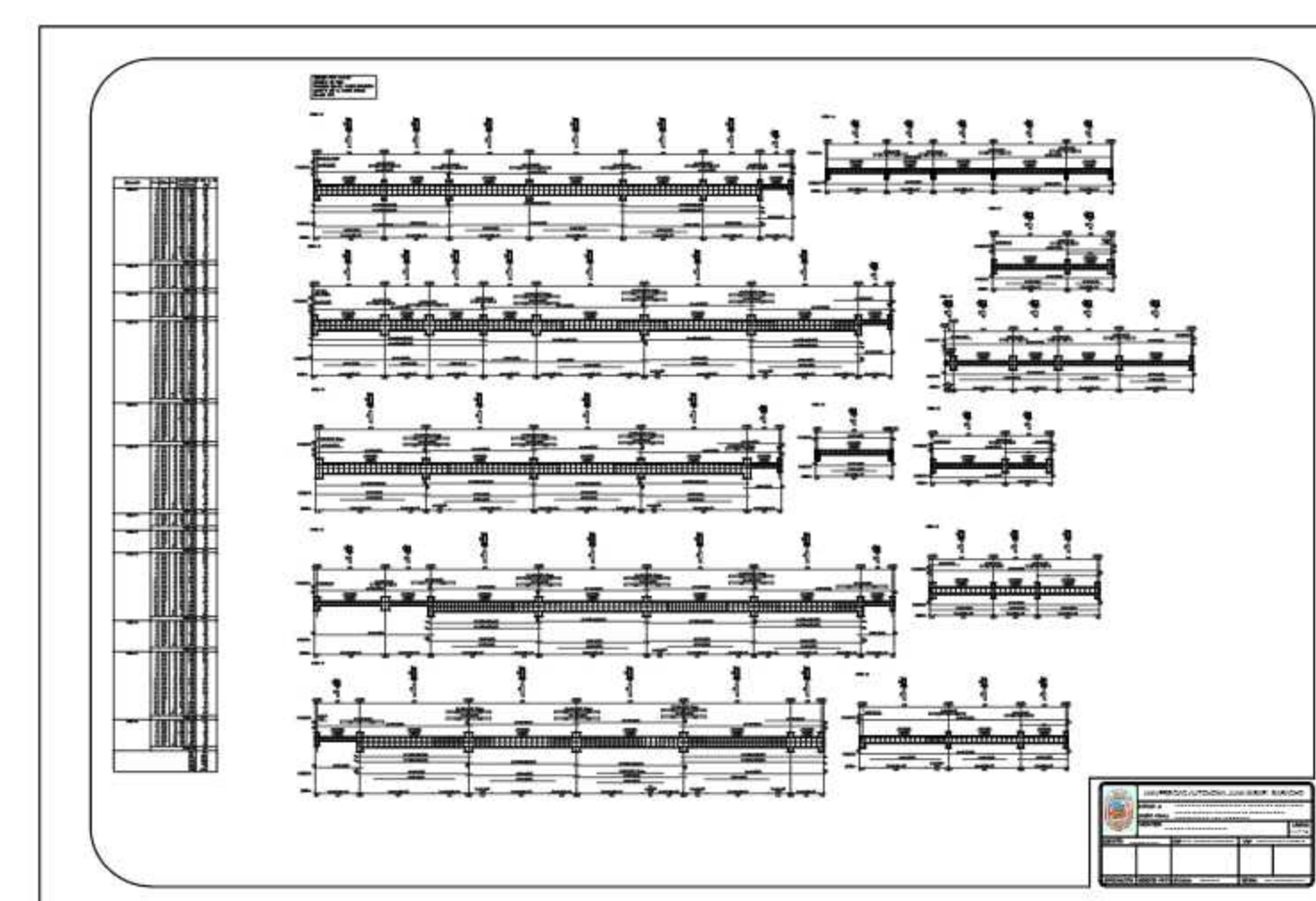
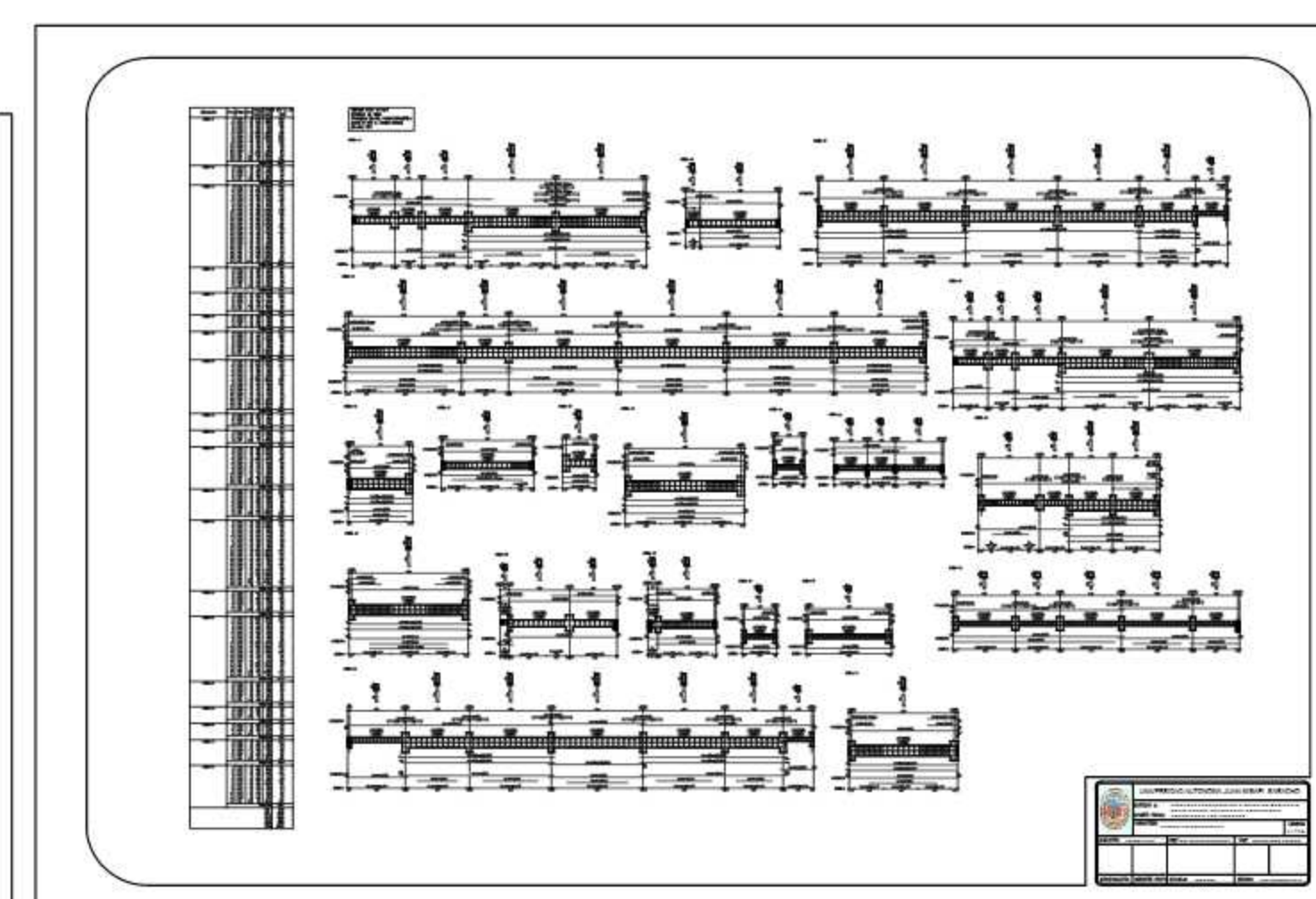
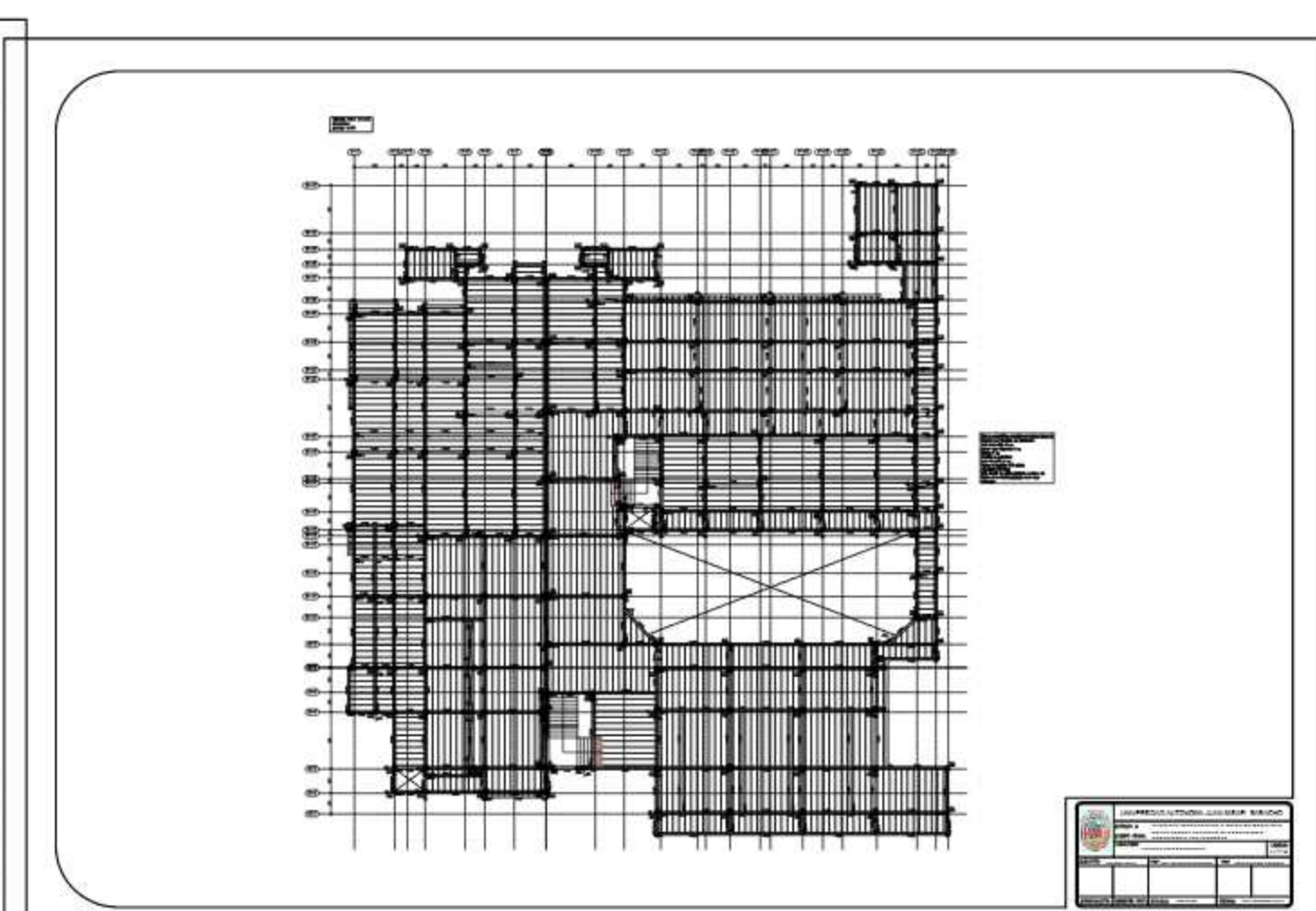
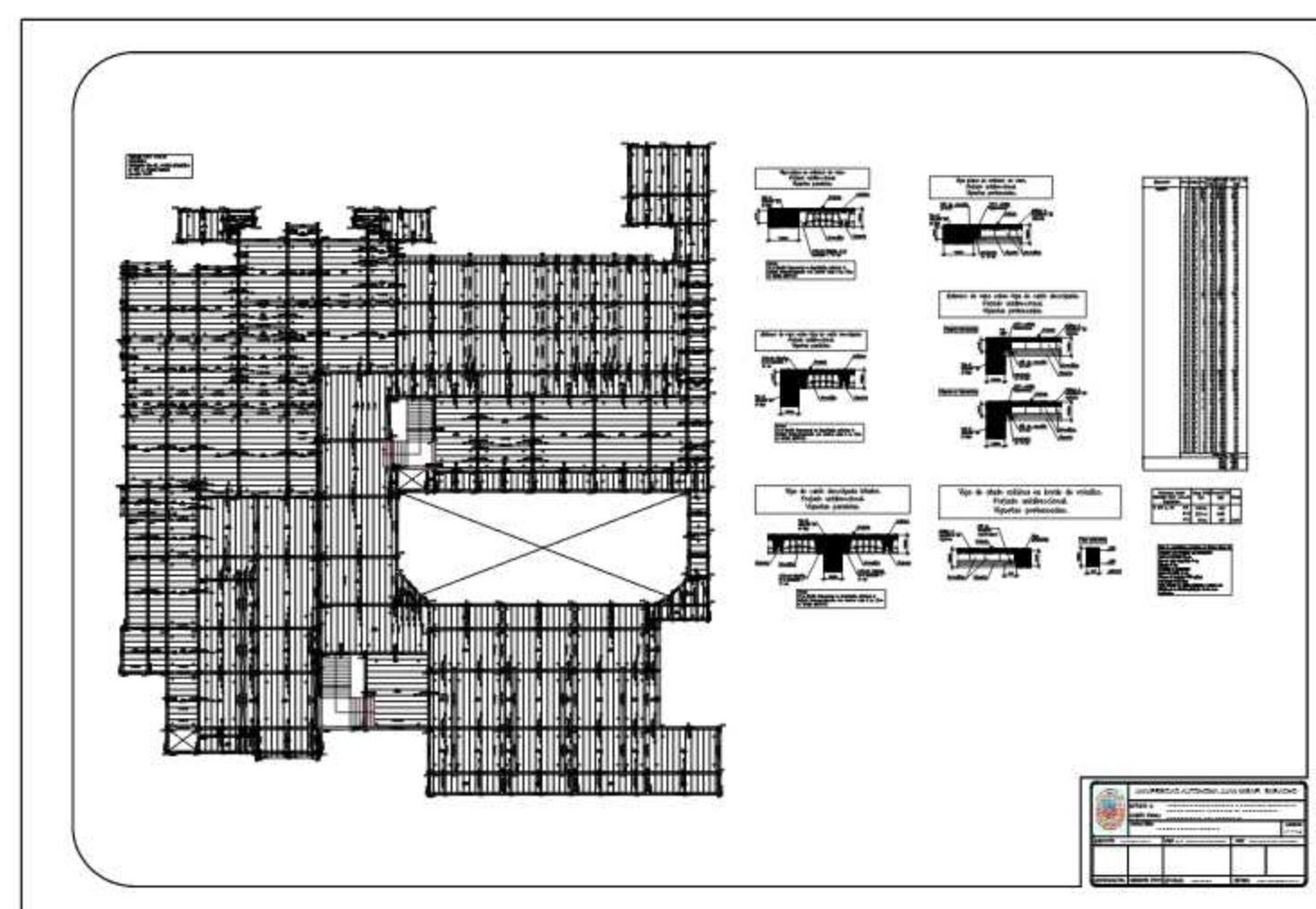
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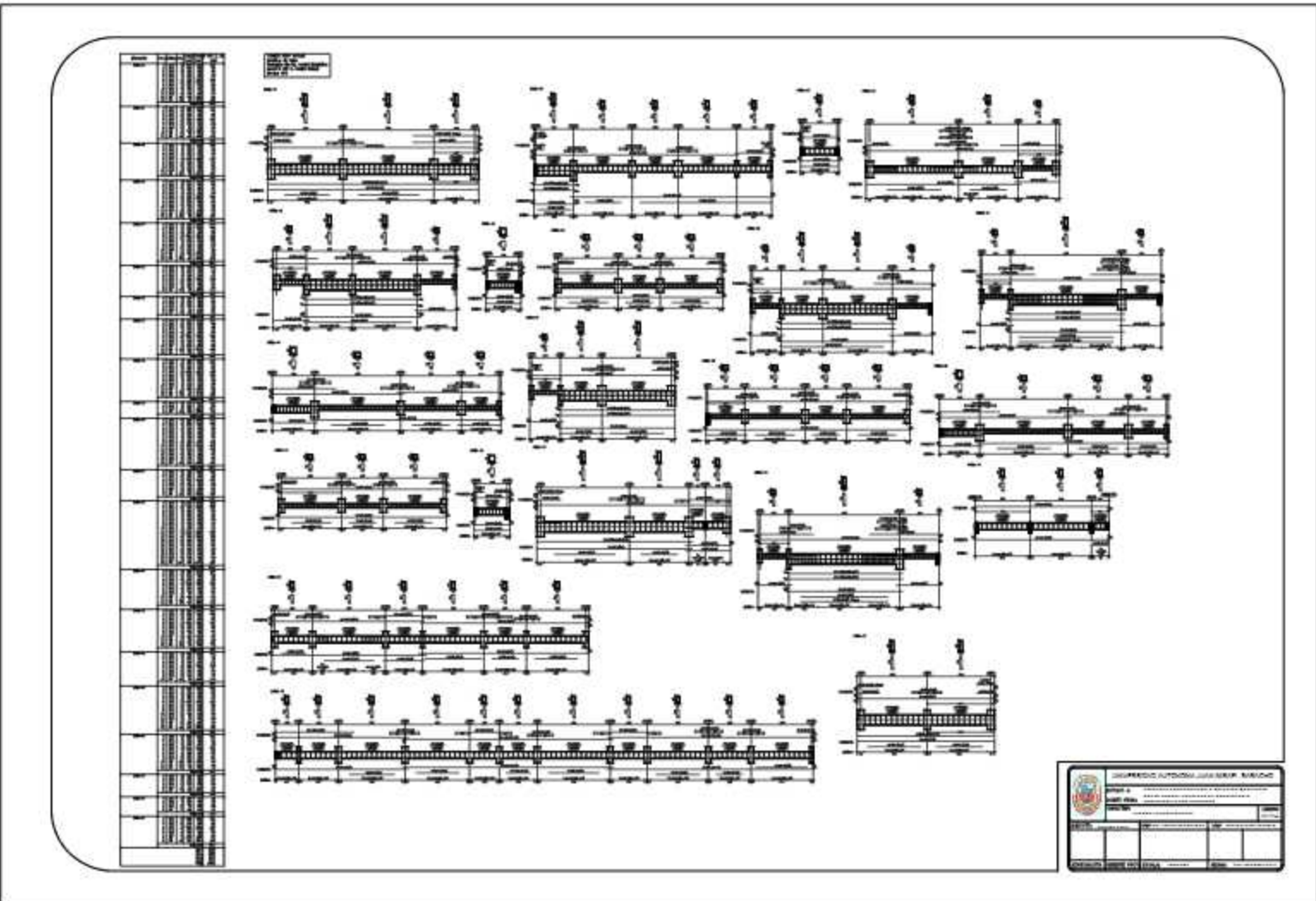
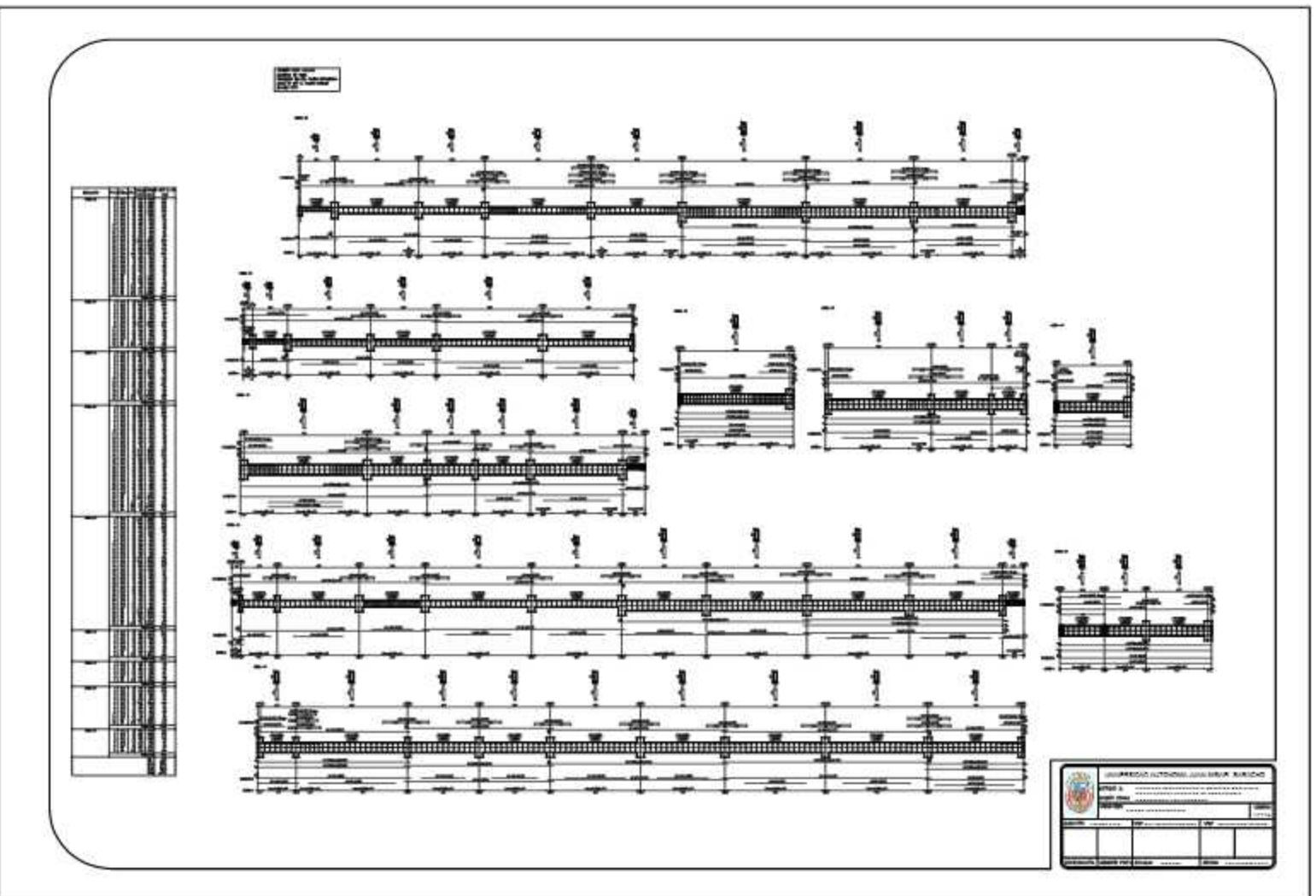
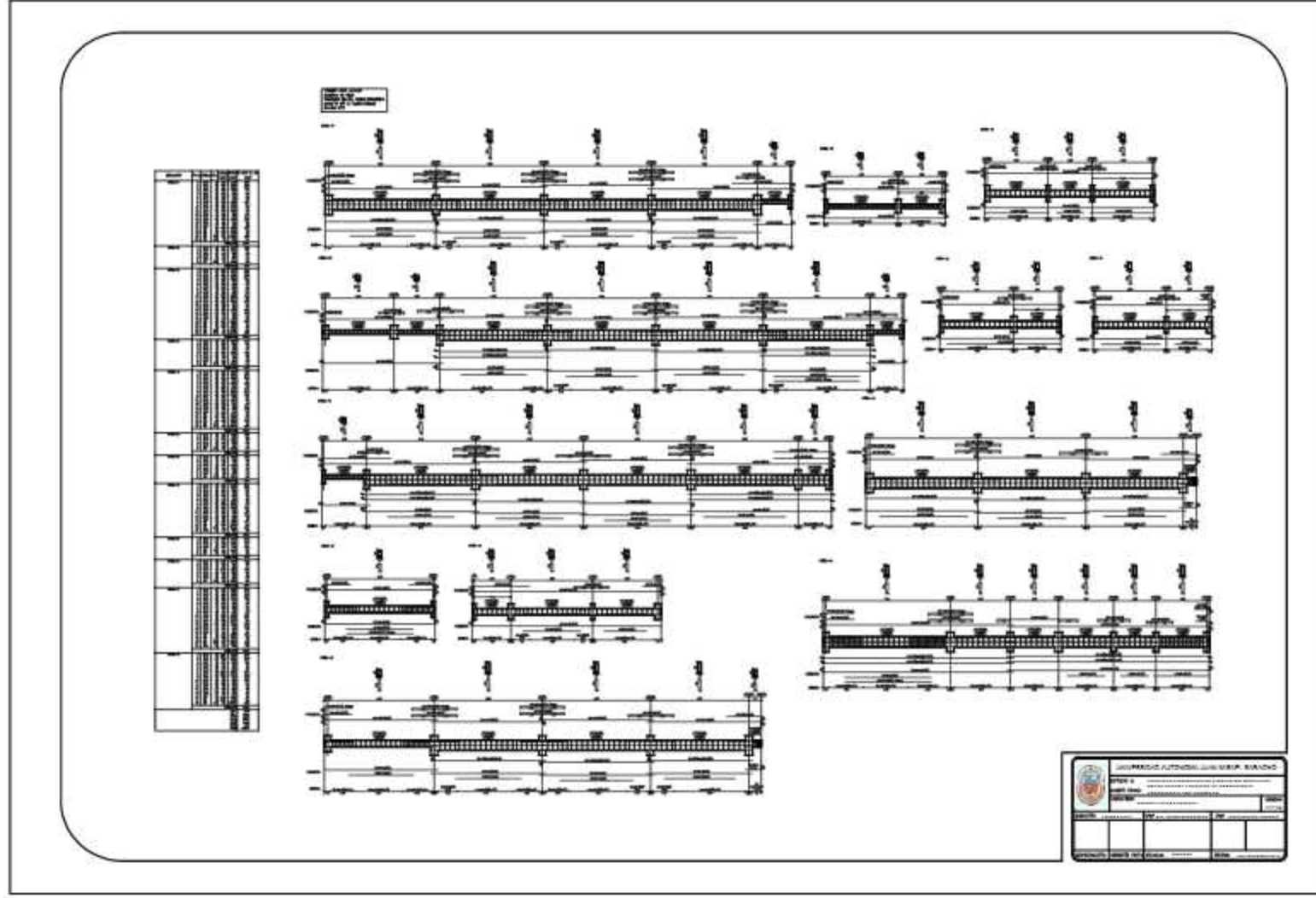
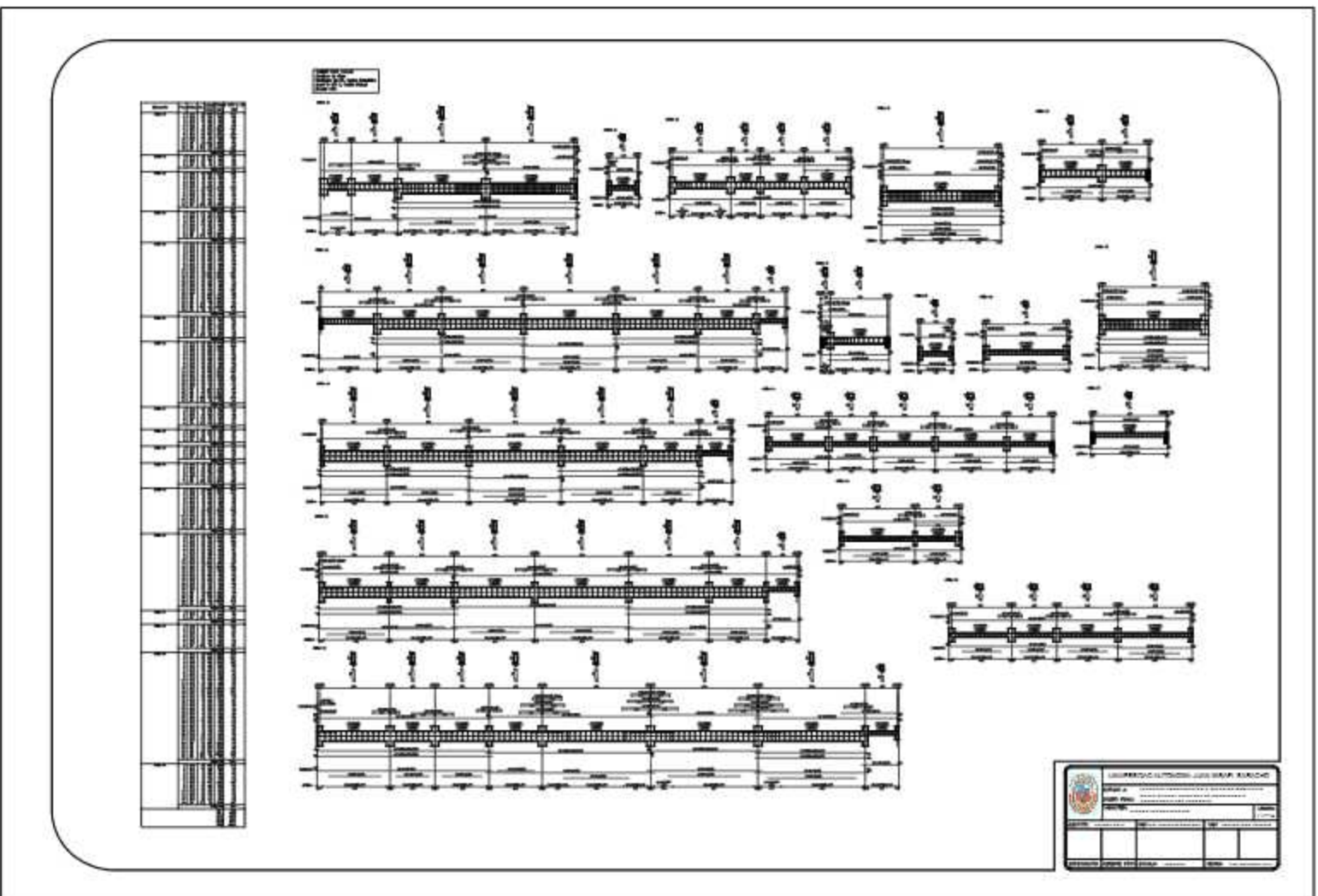
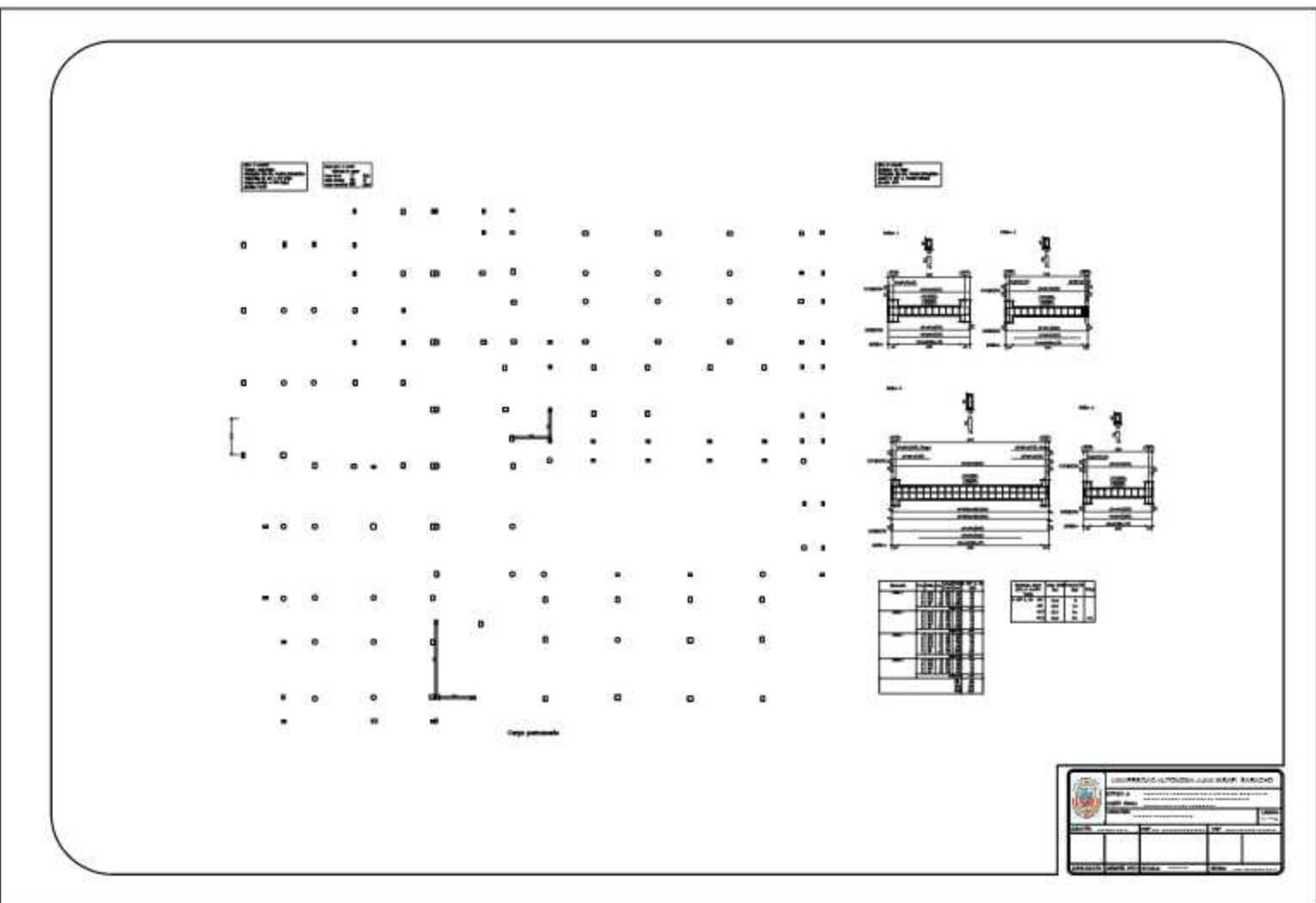
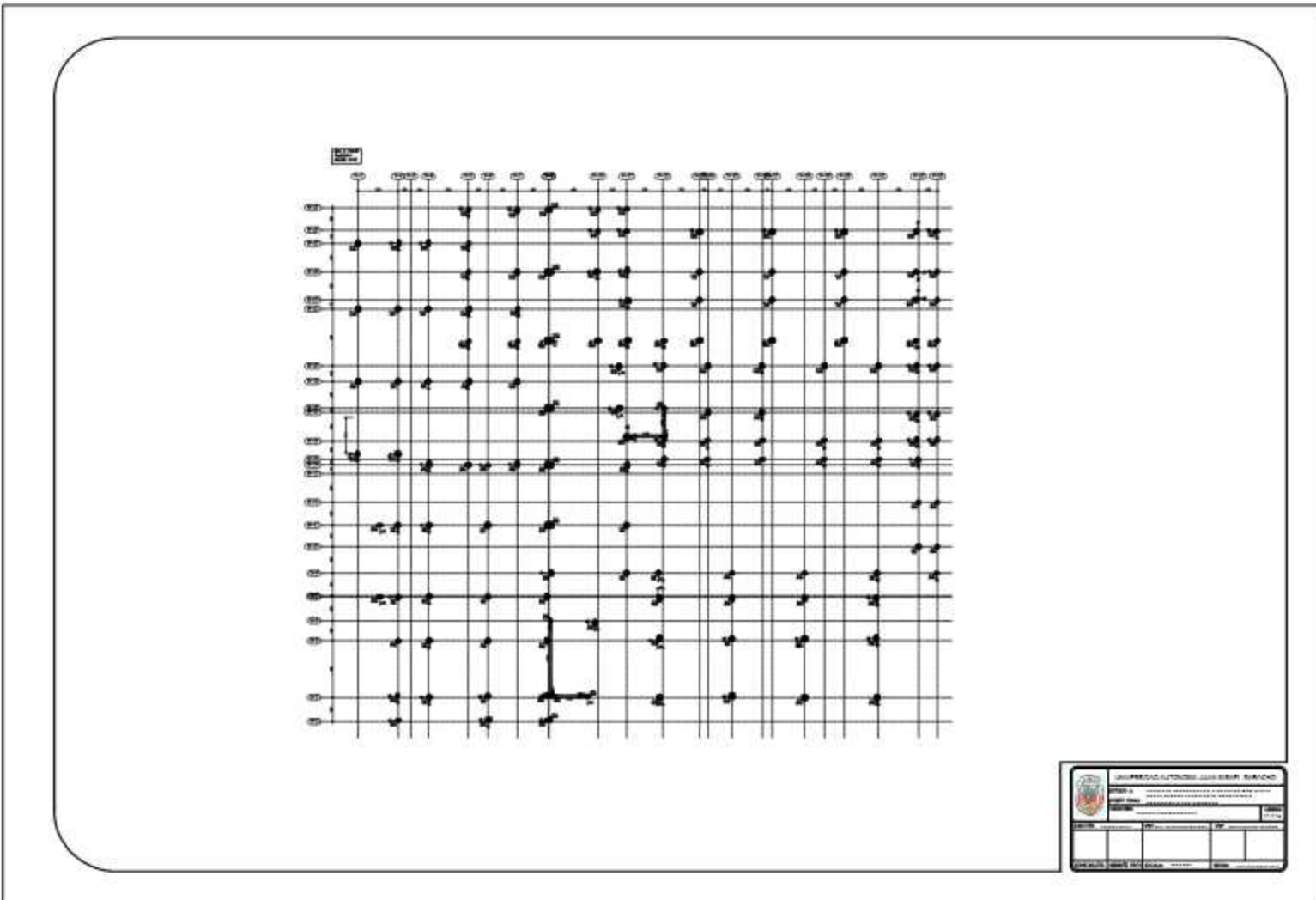
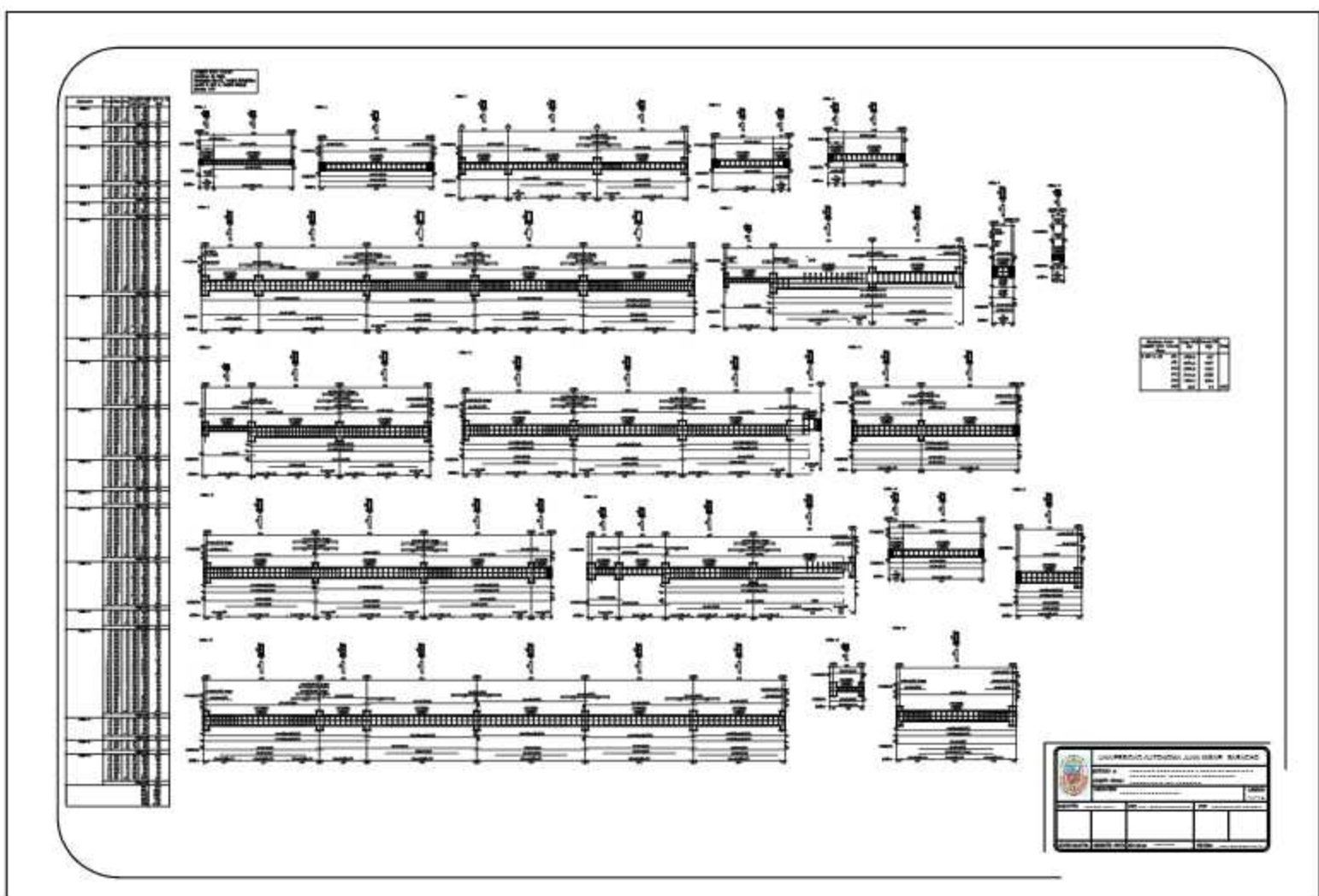
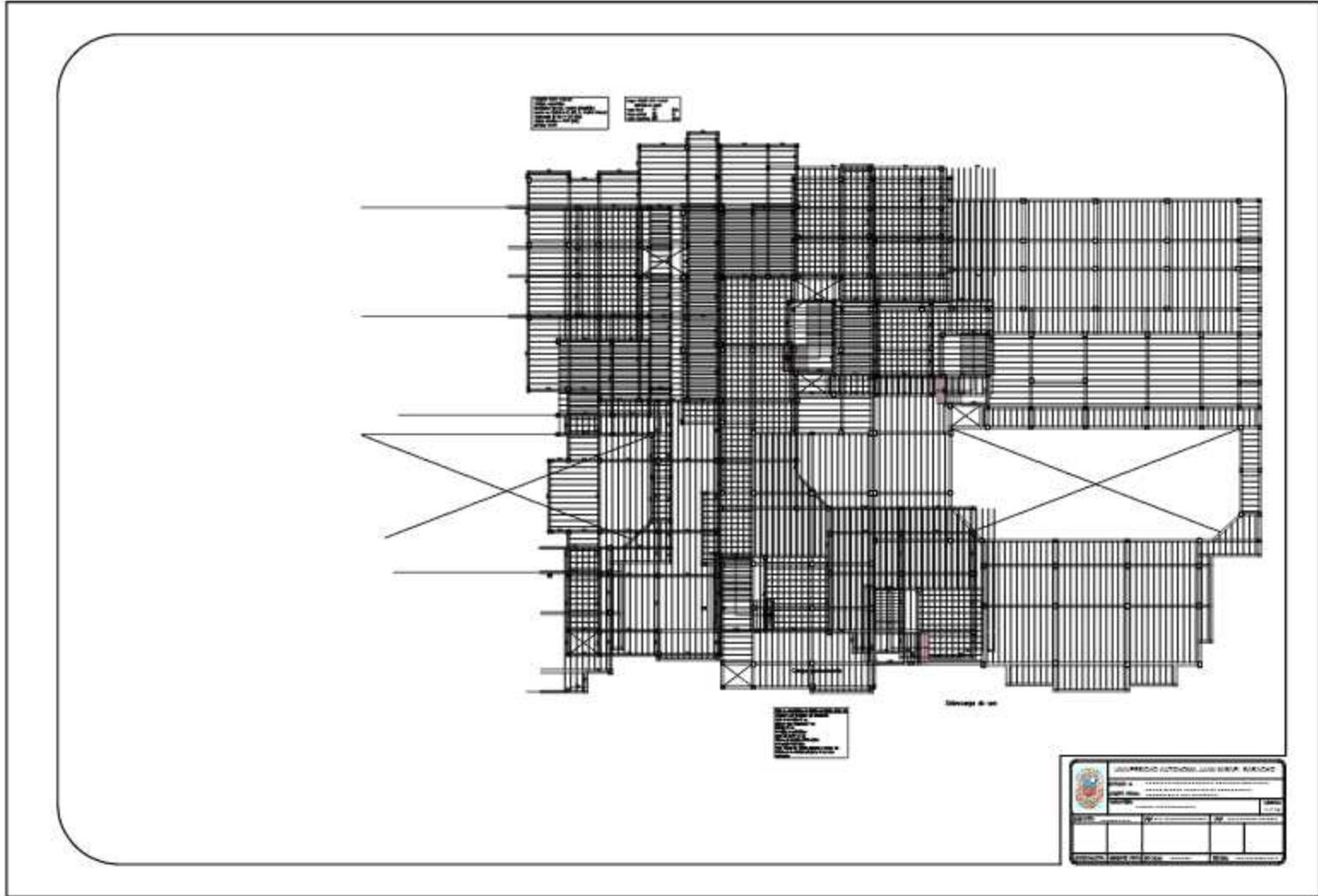
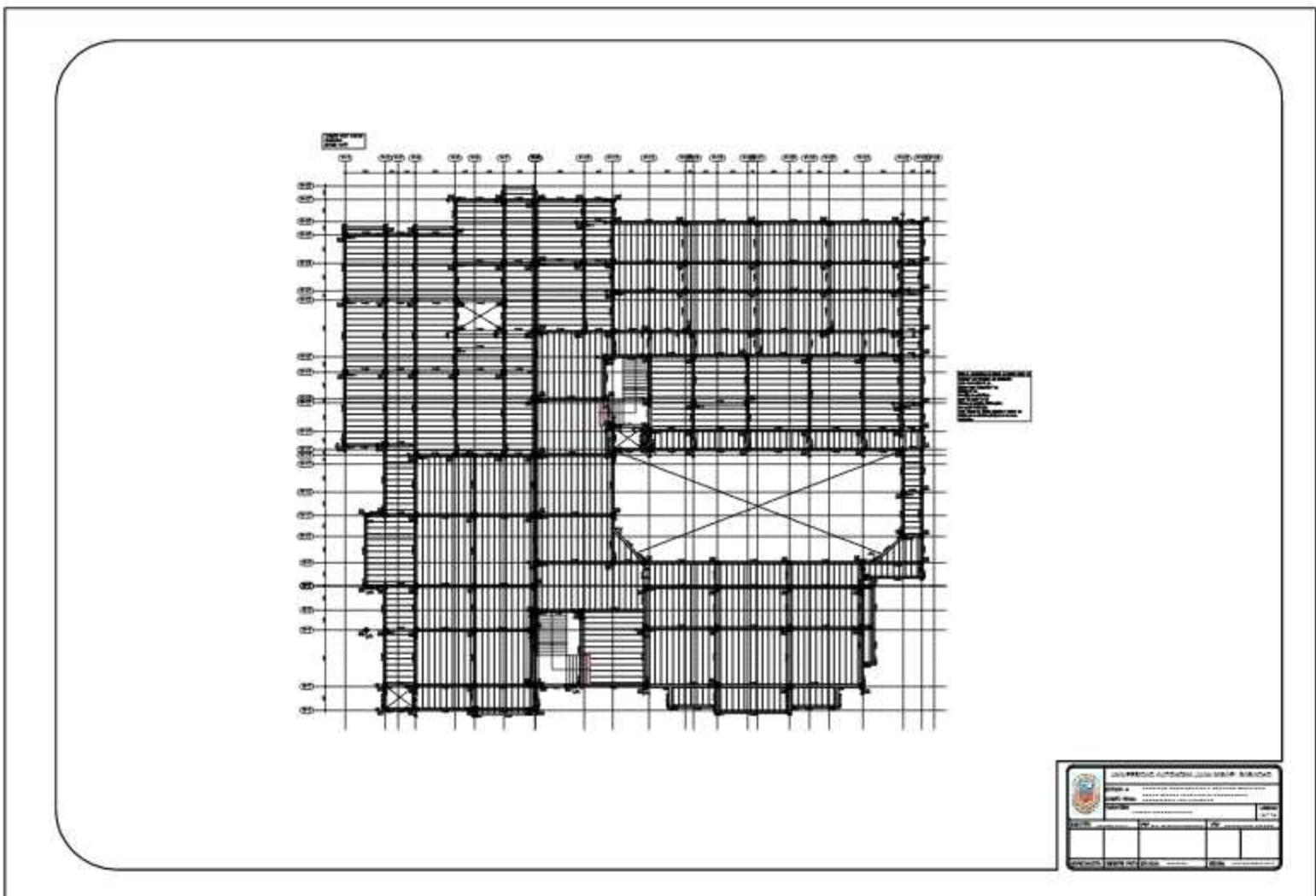
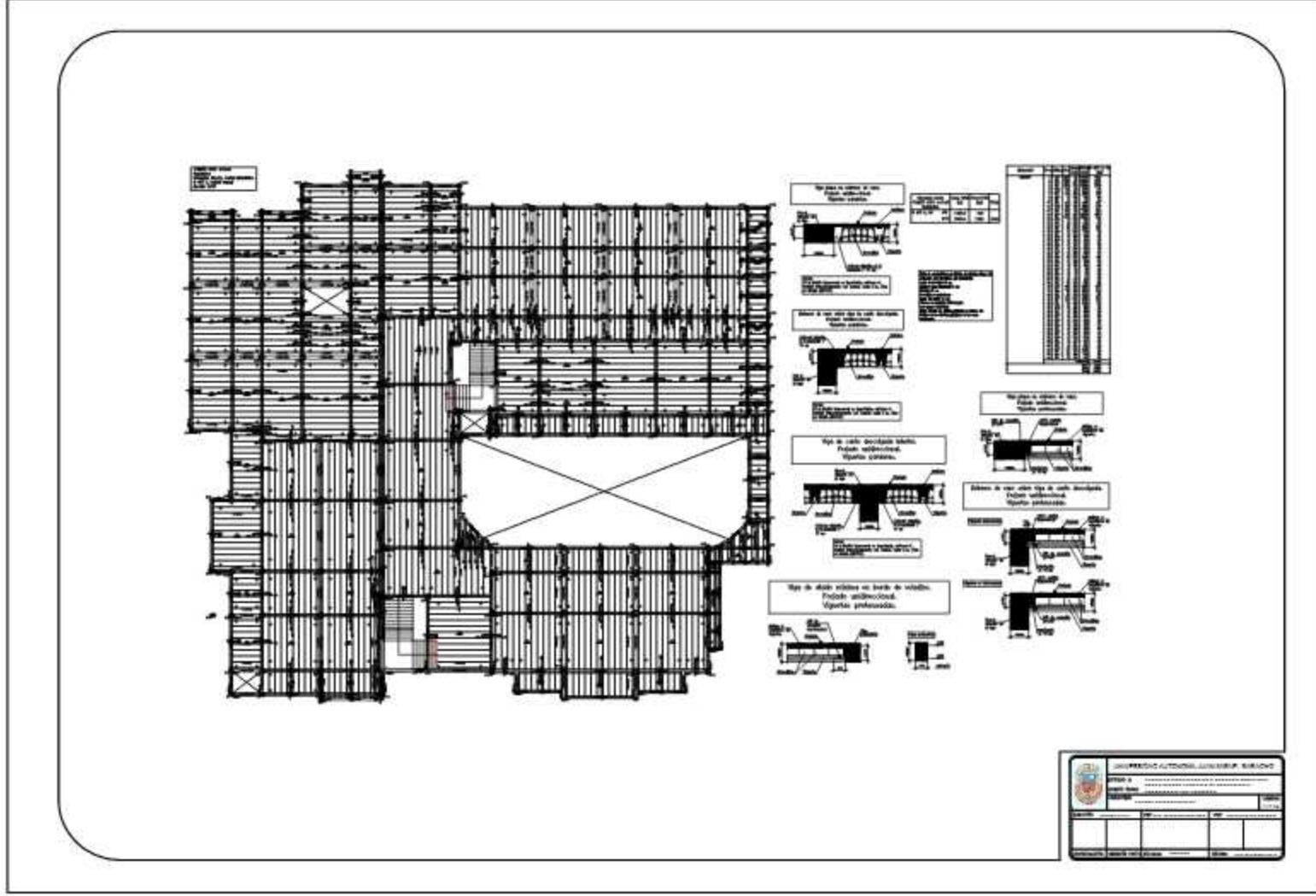
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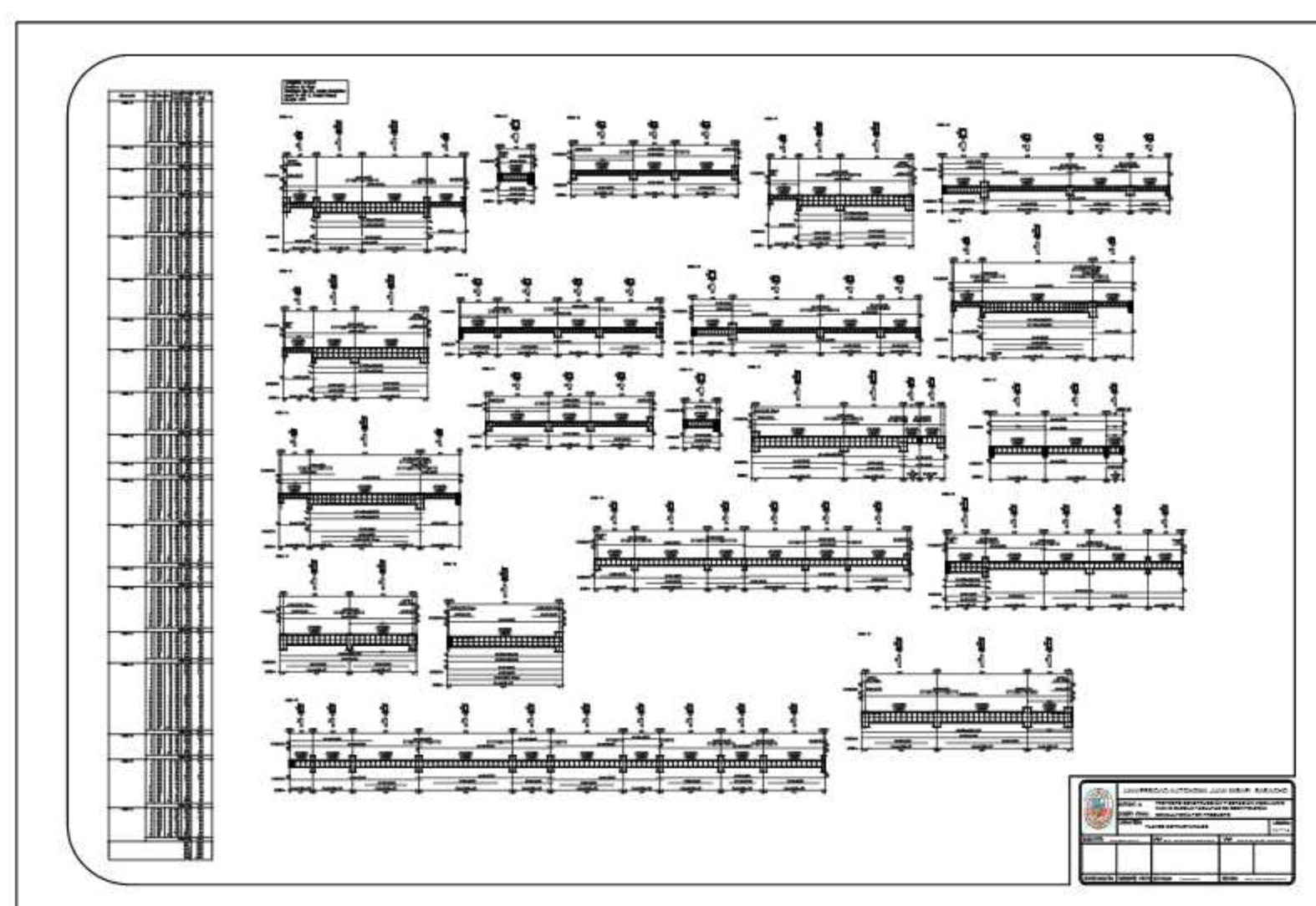
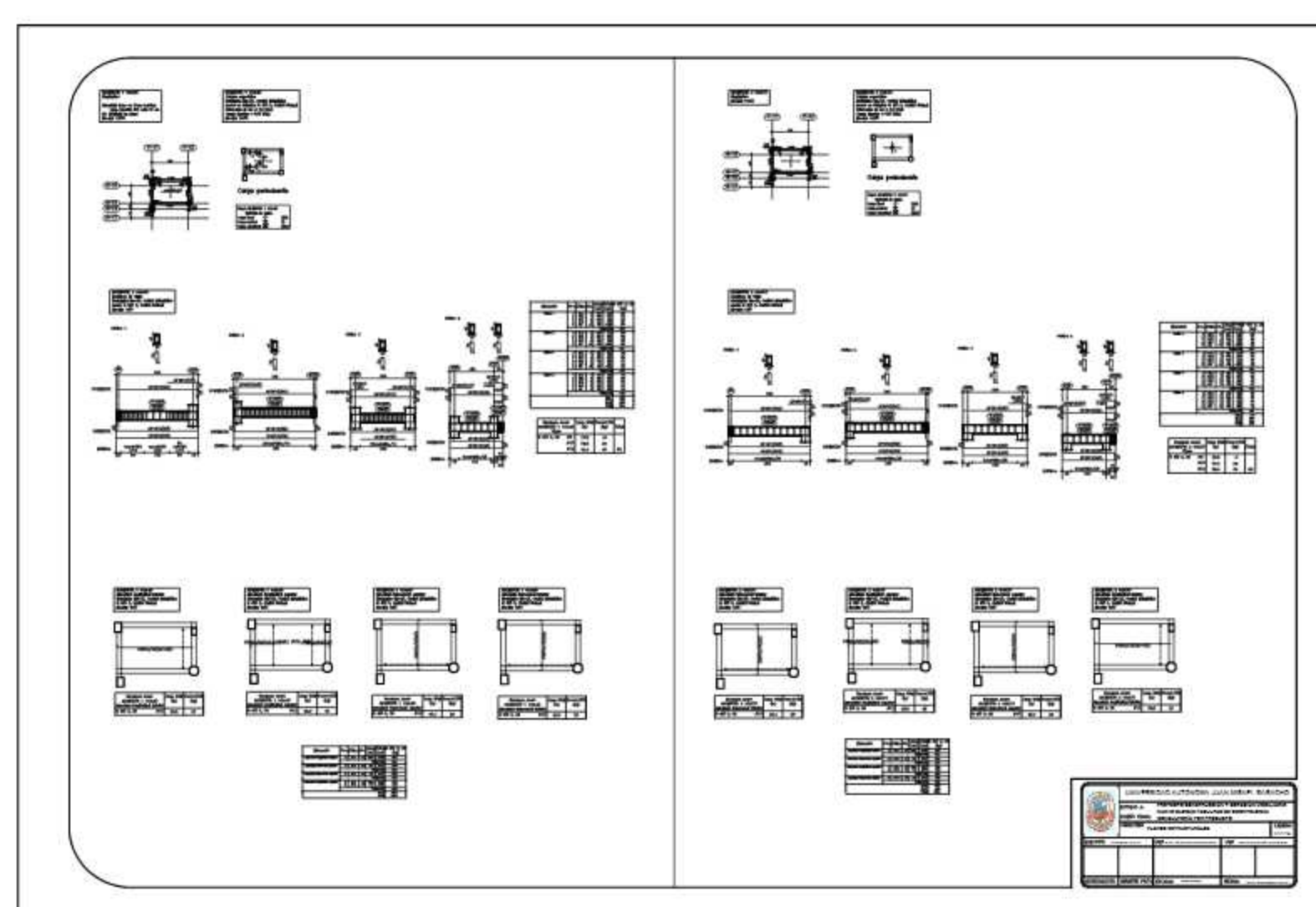
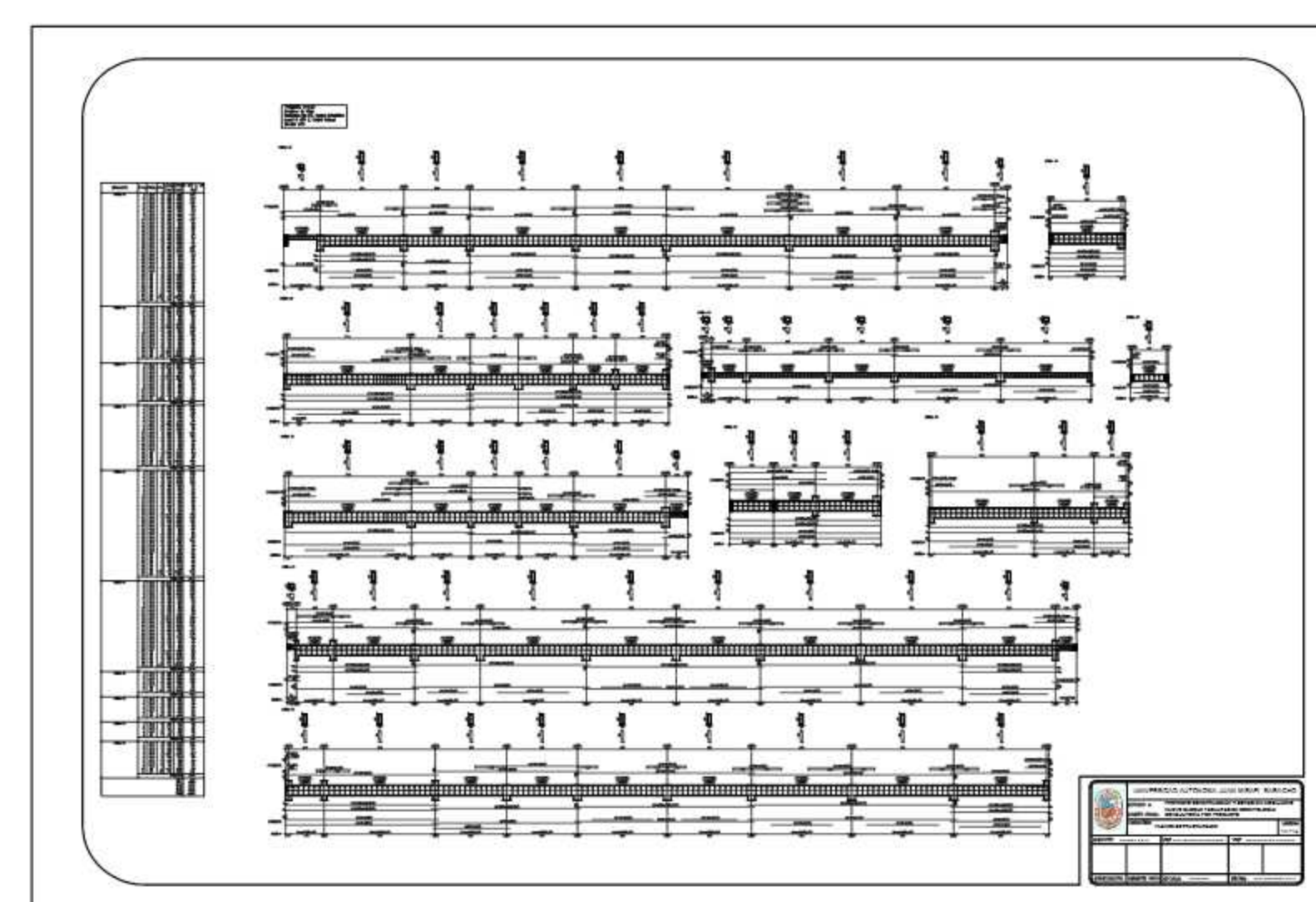
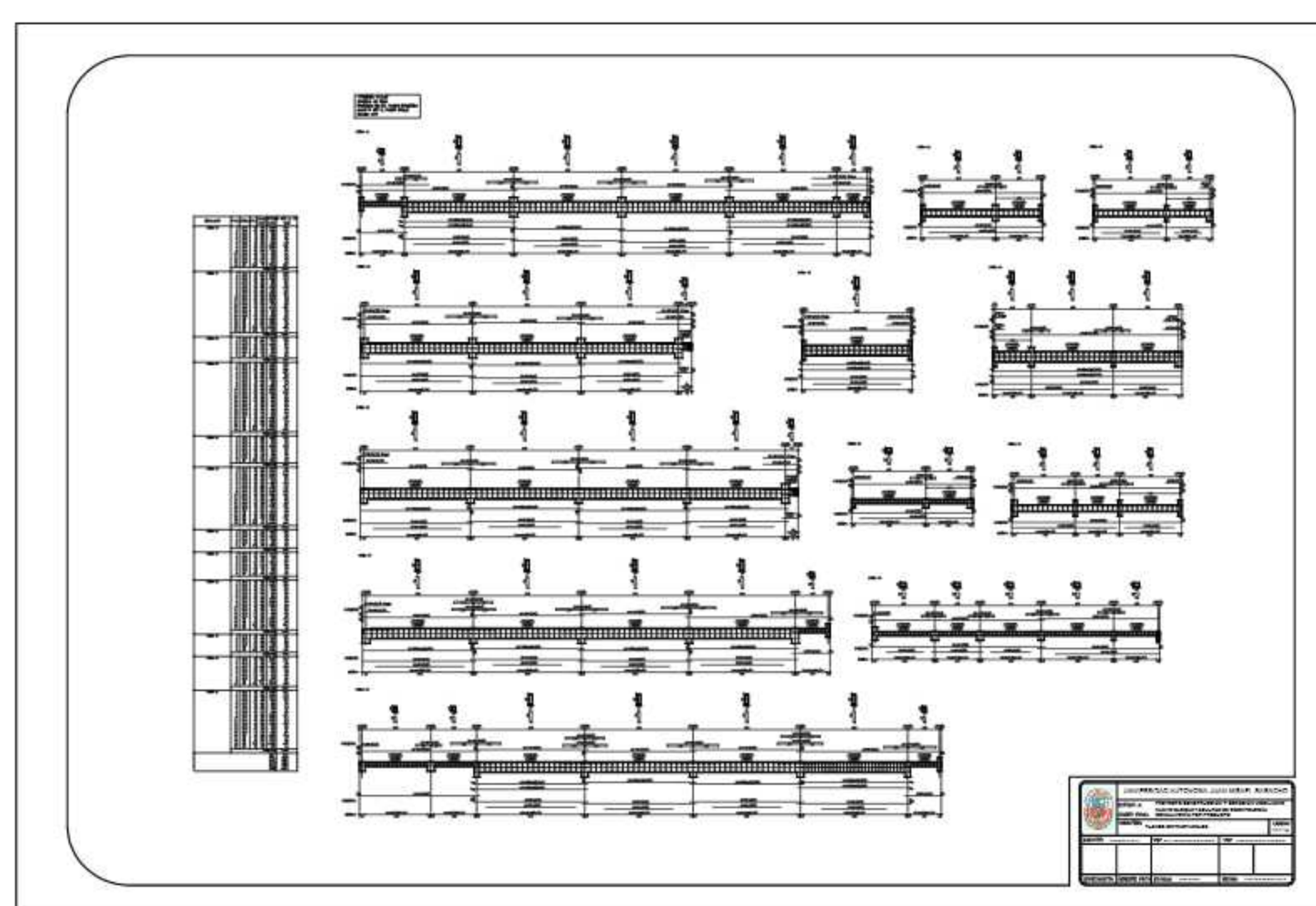
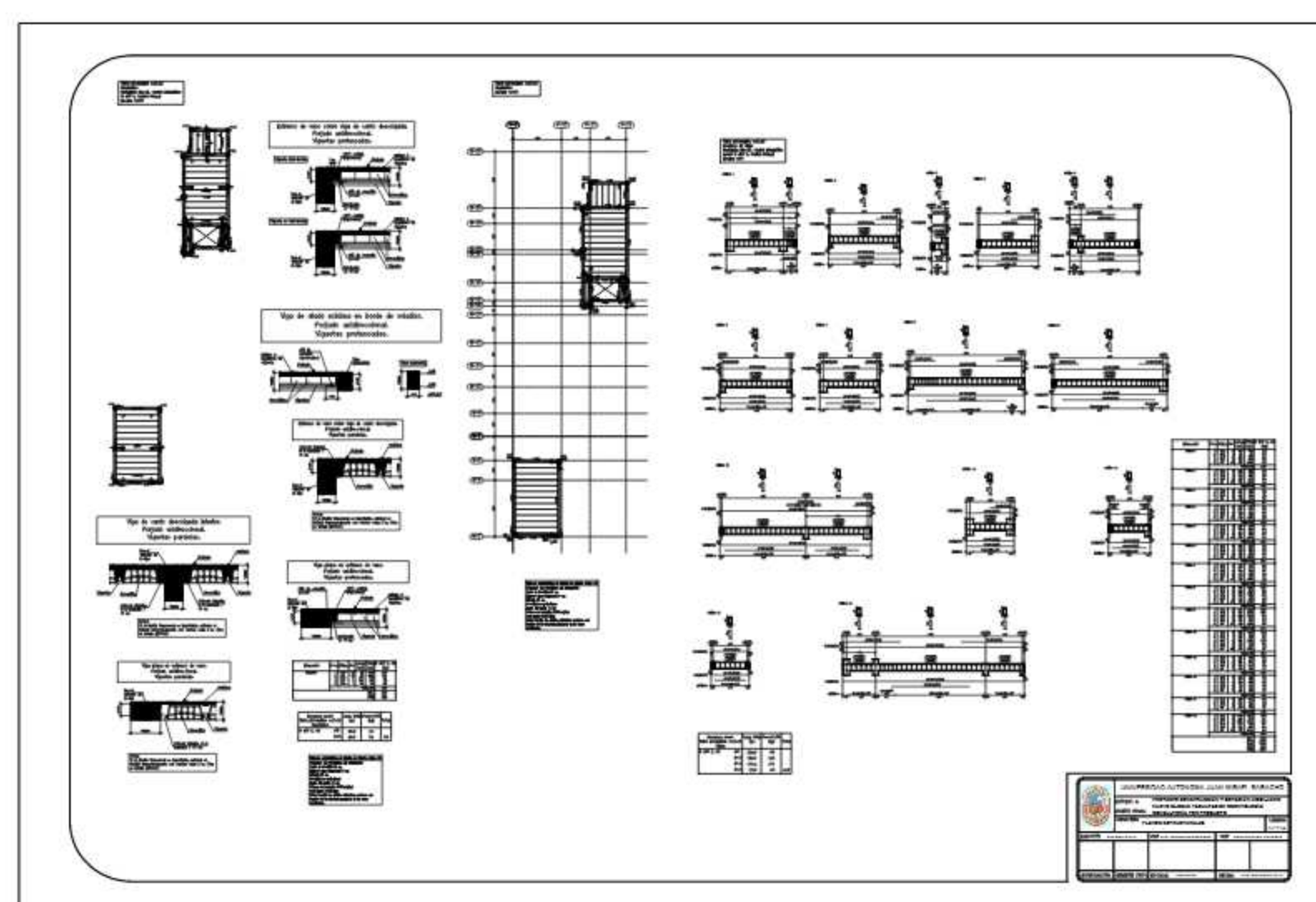
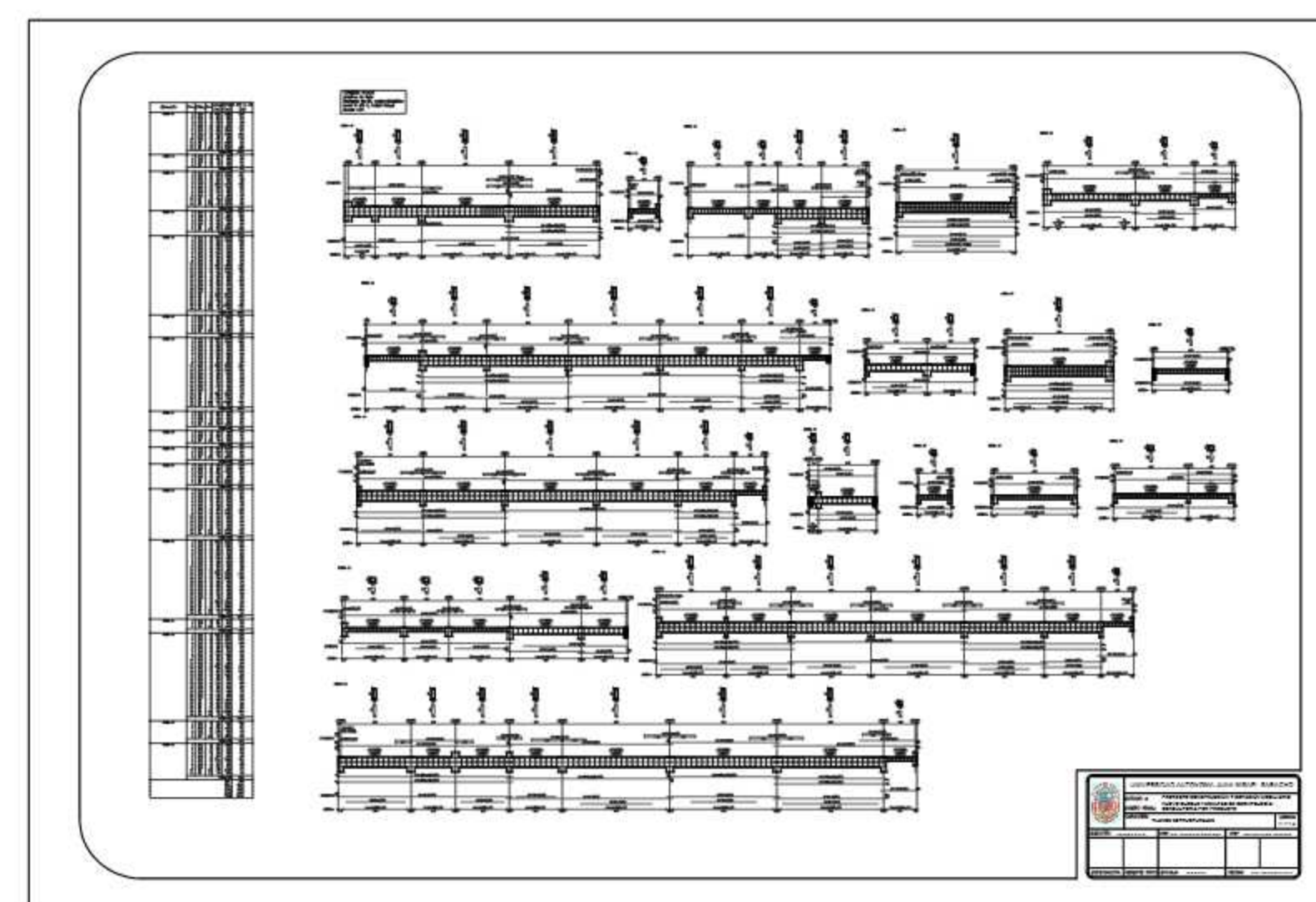
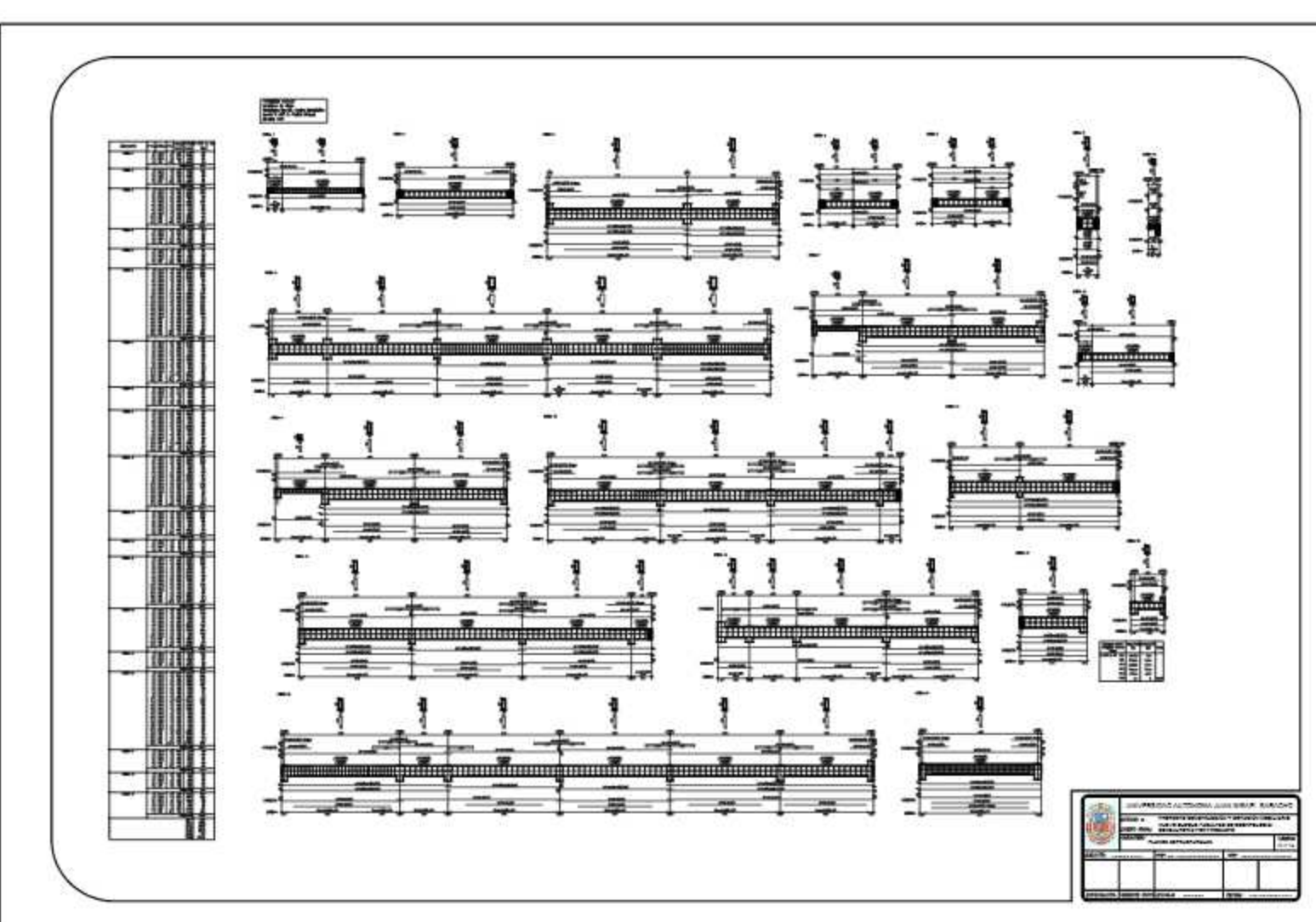
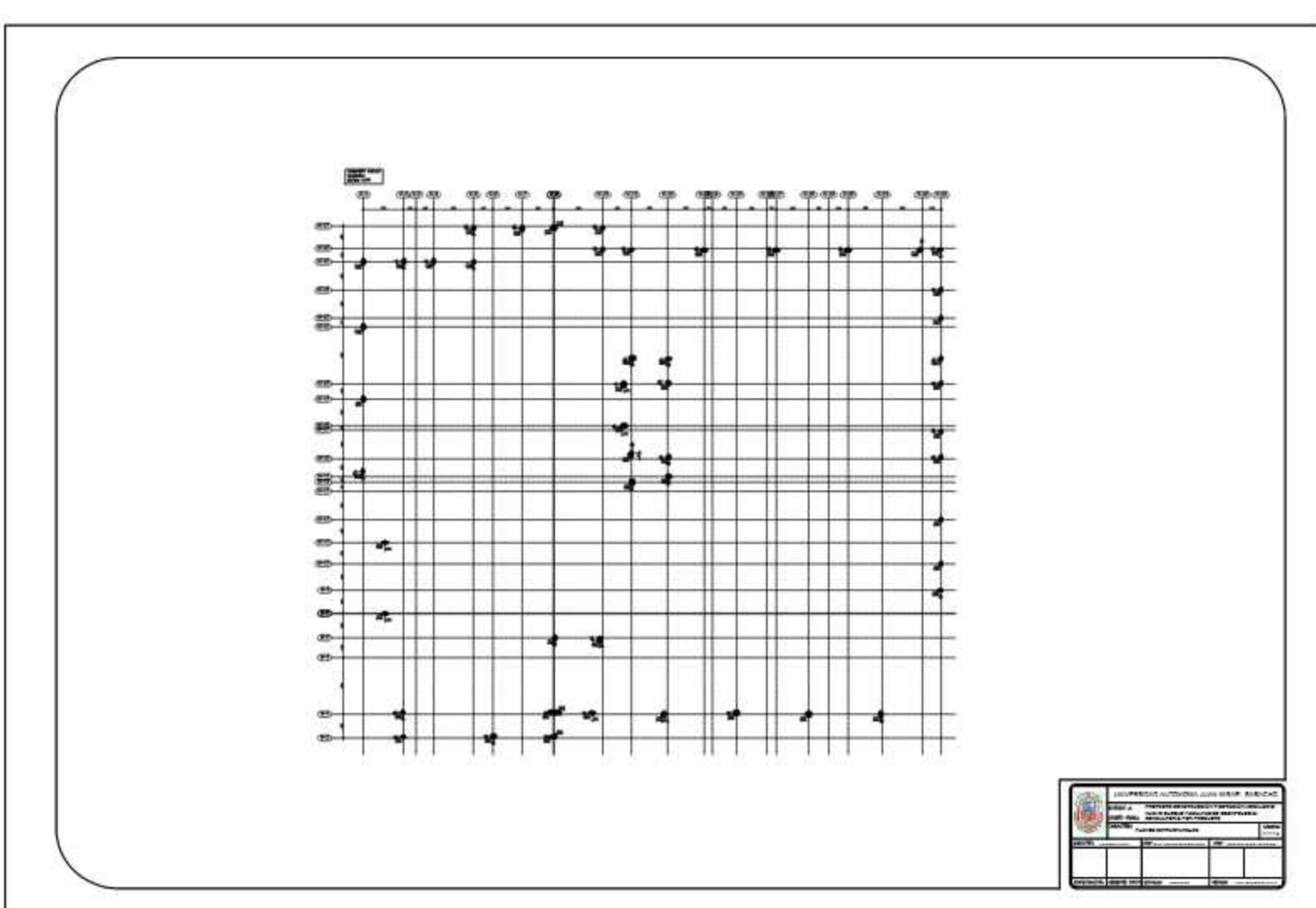
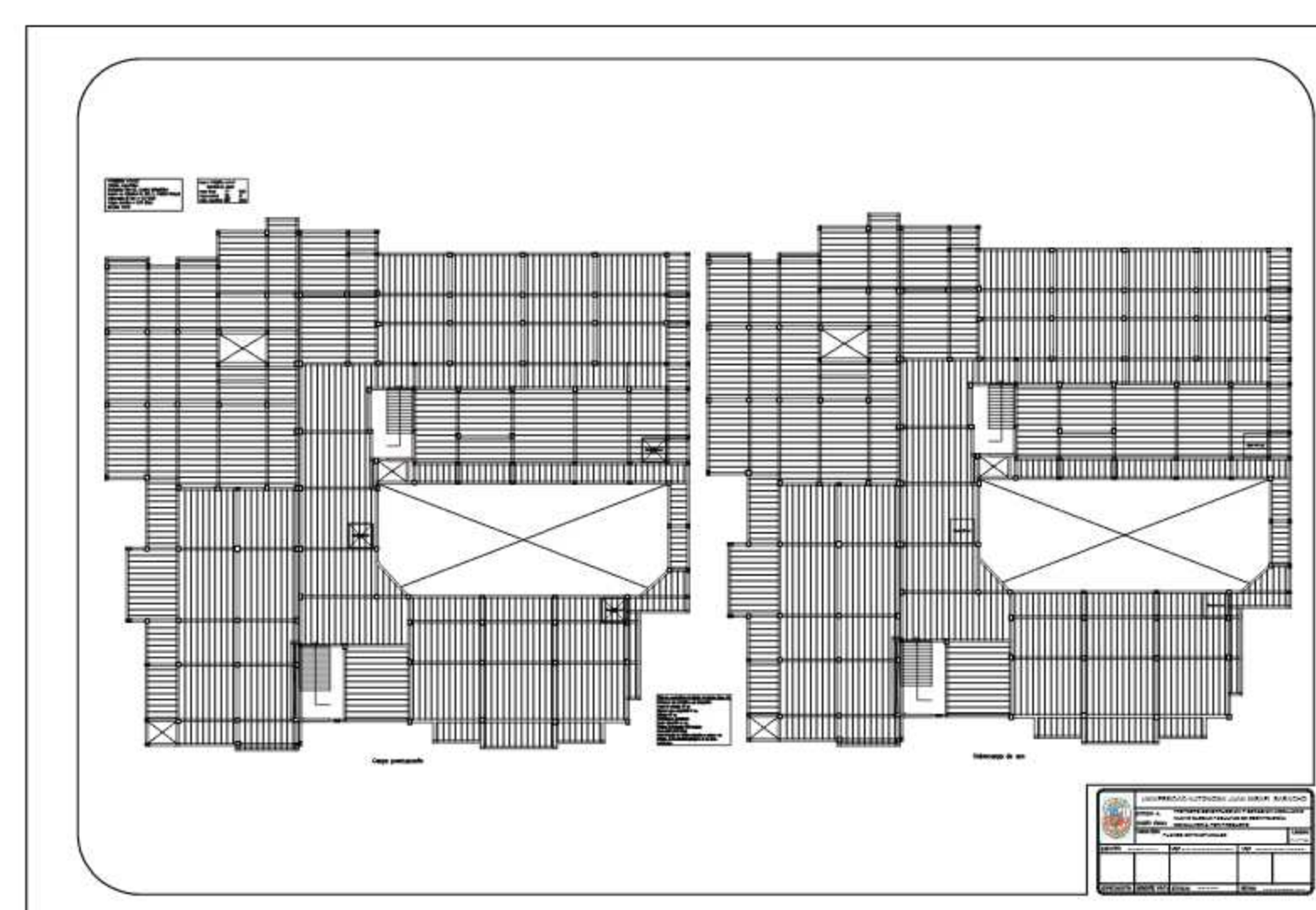
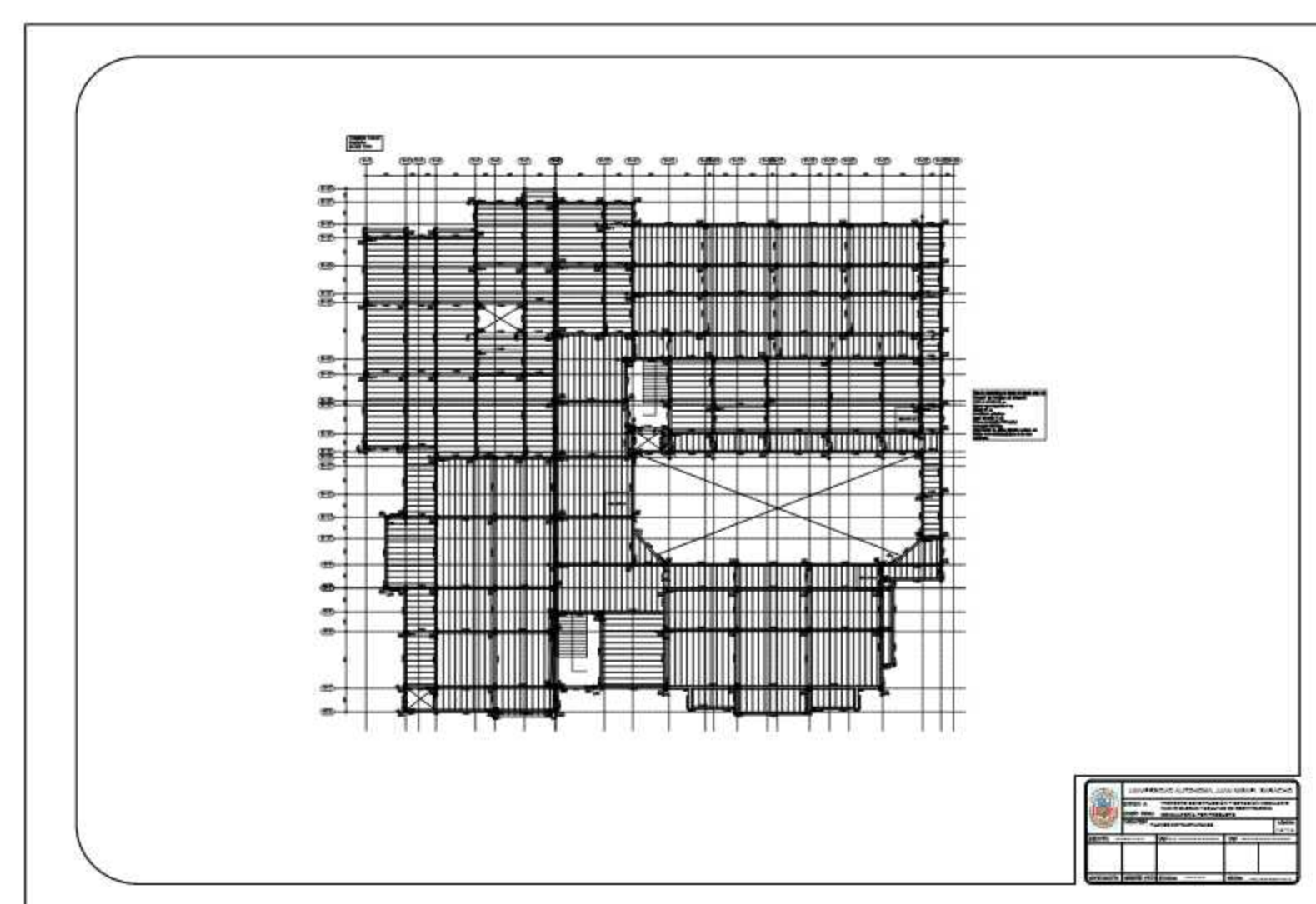
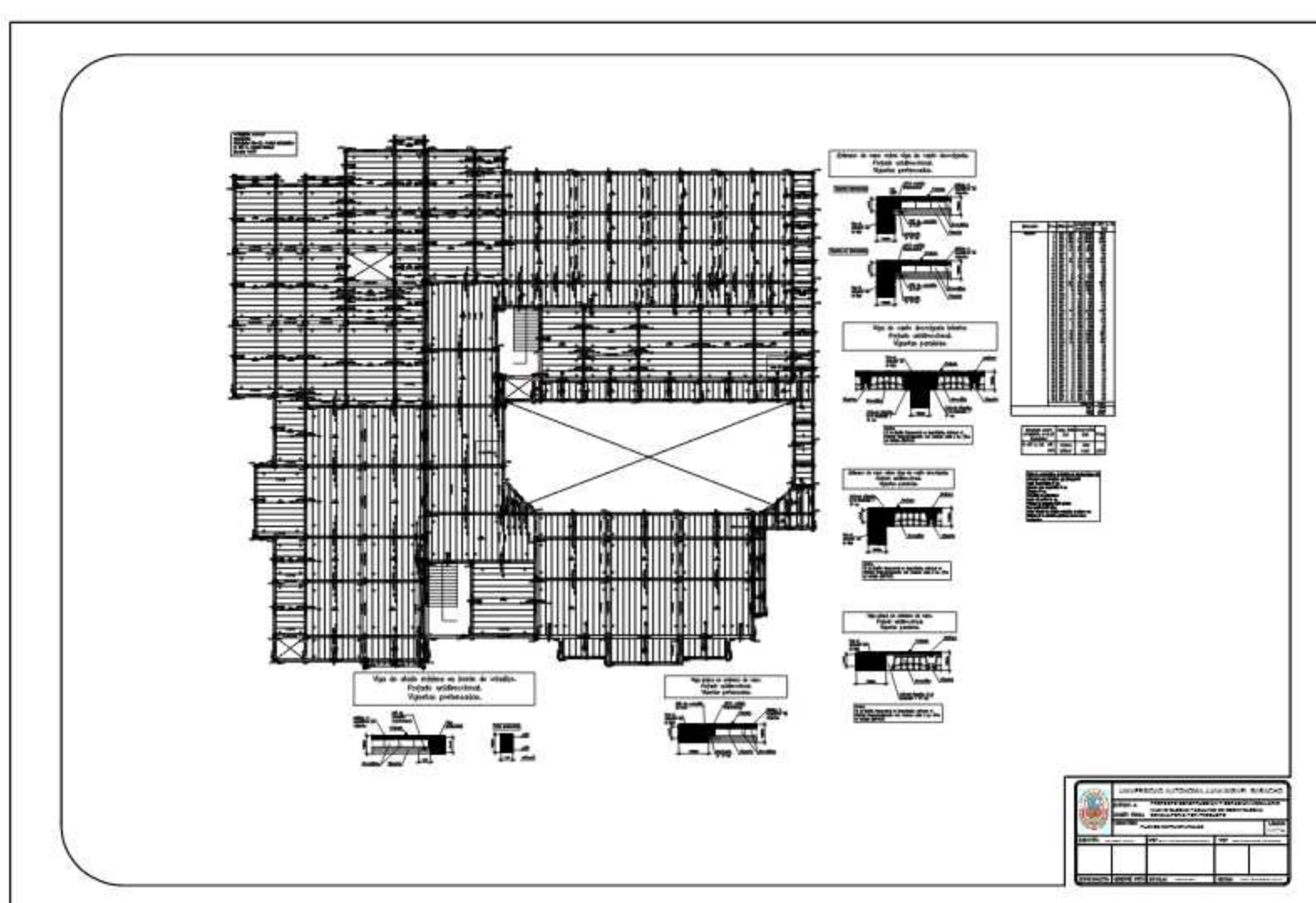
FECHA: 22-OCTUBRE-2017

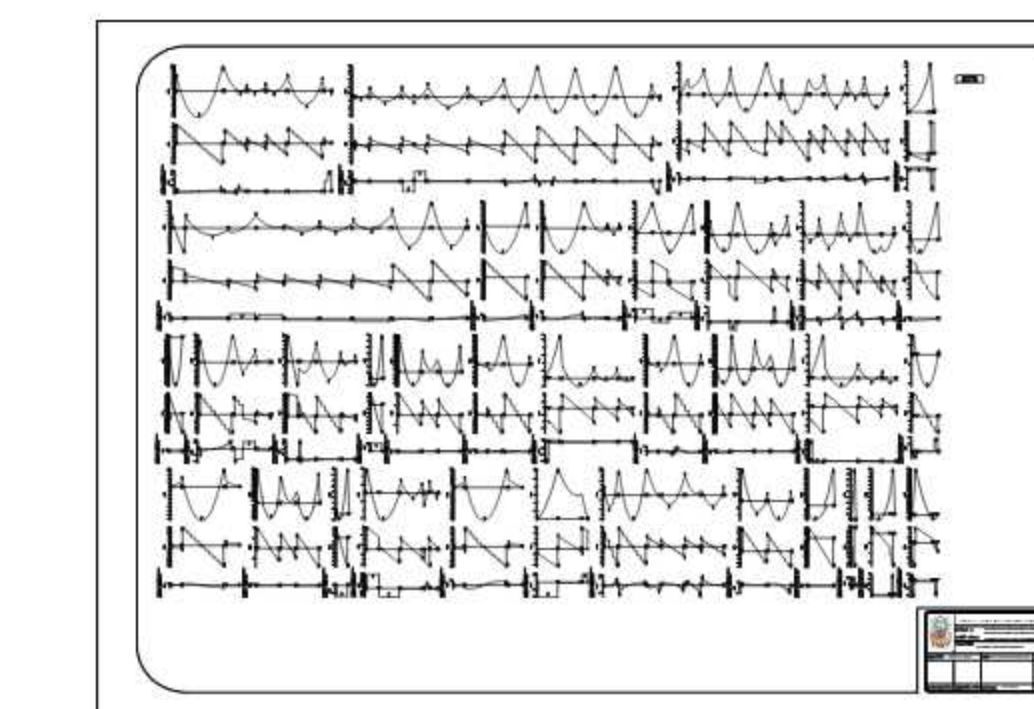
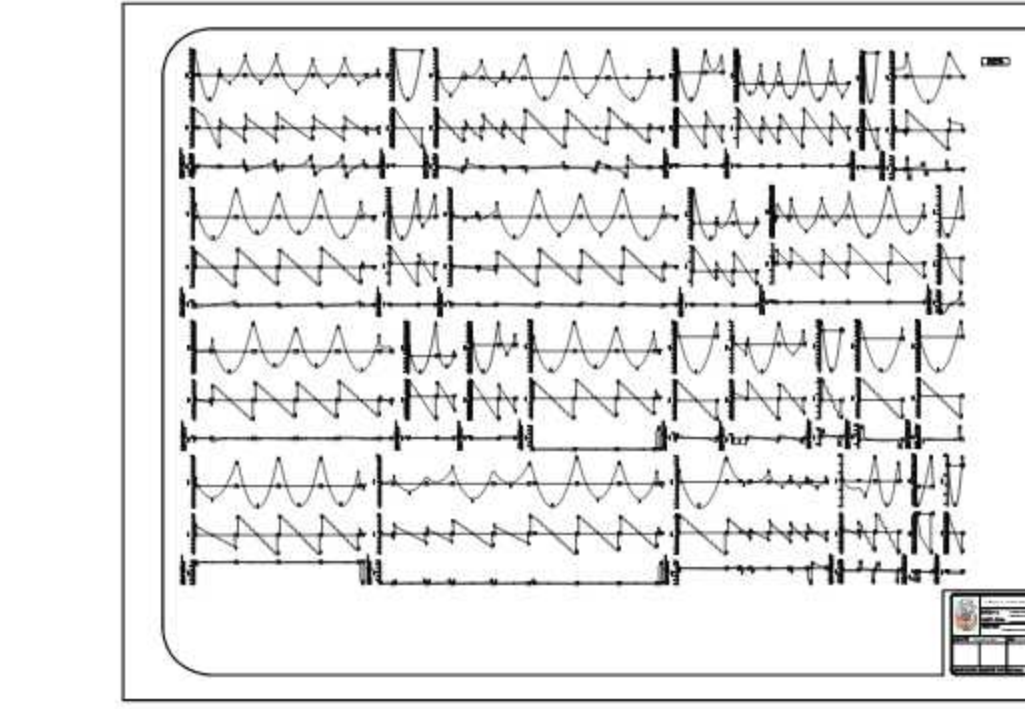
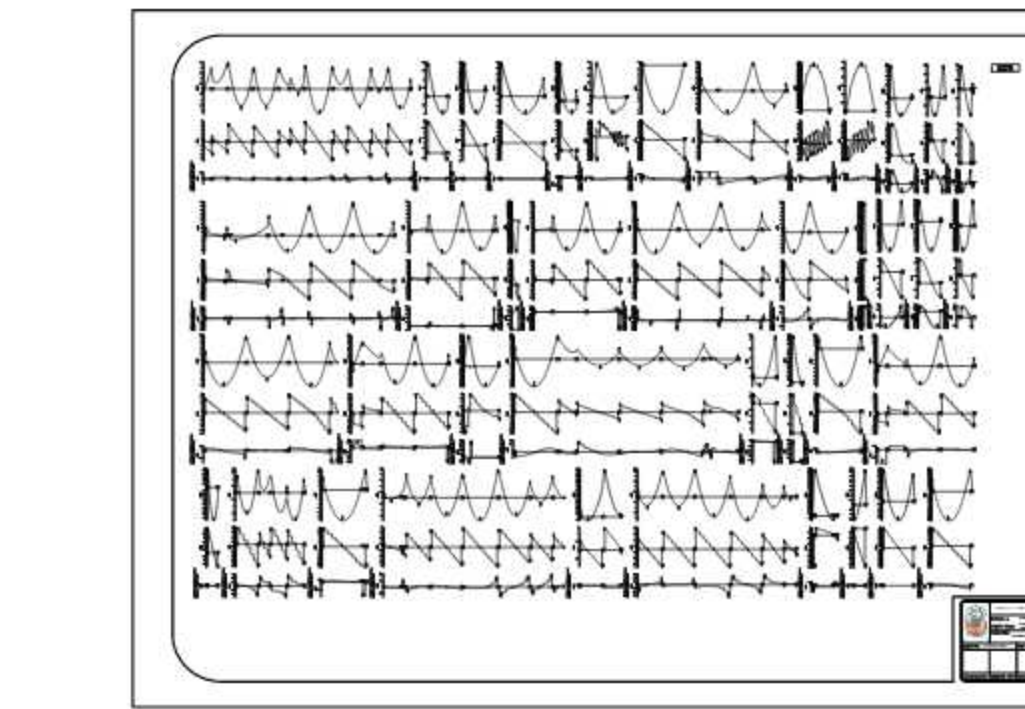
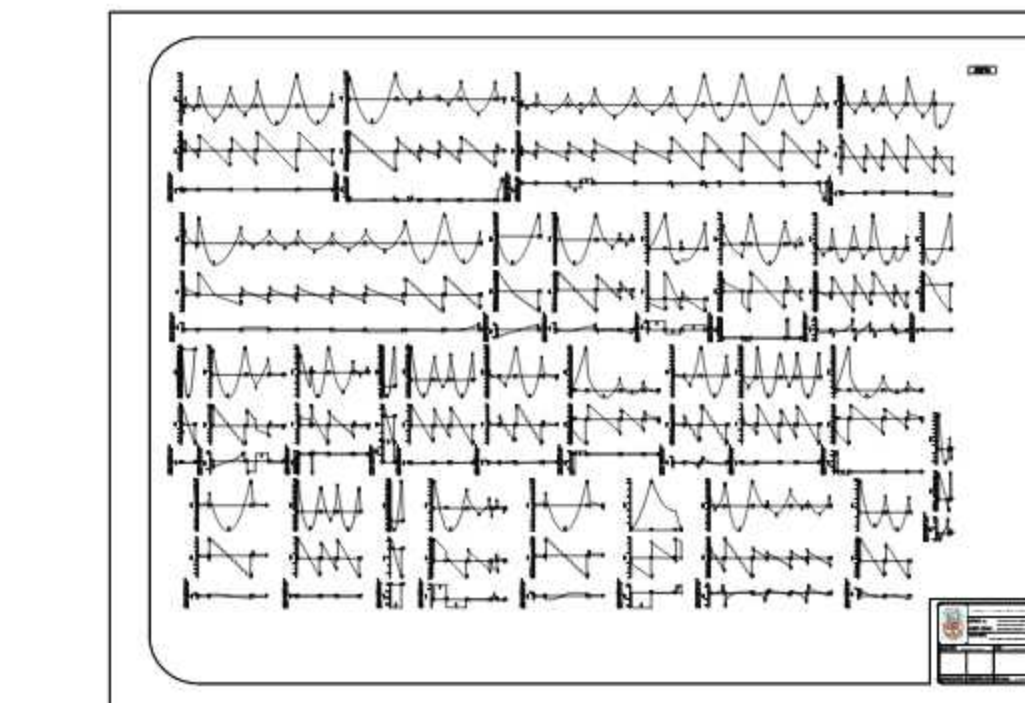
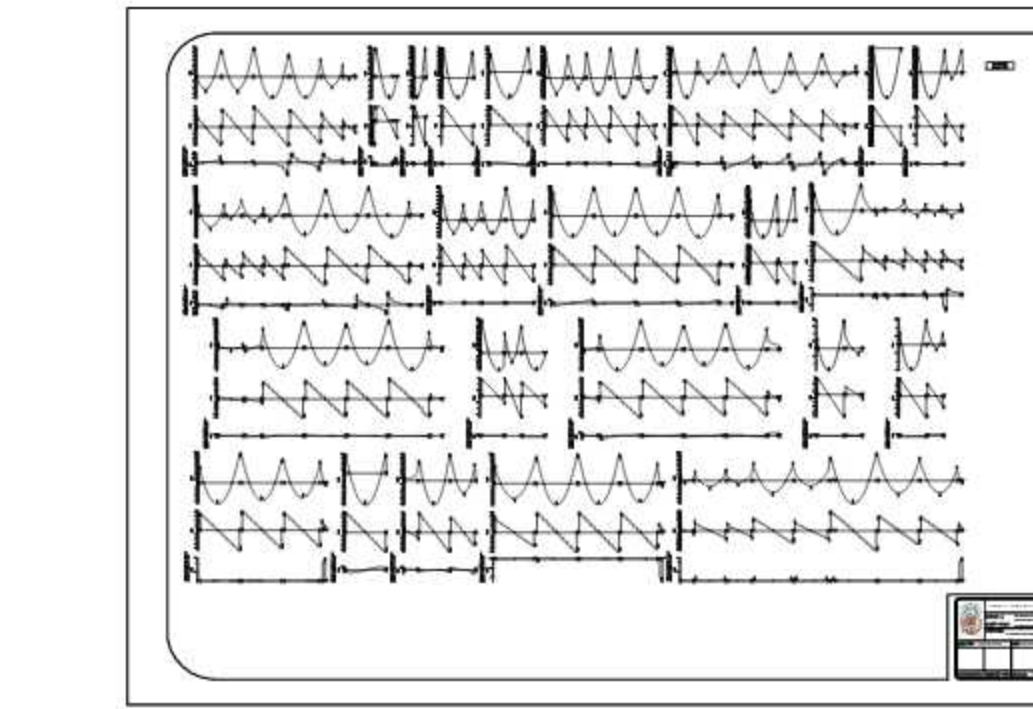
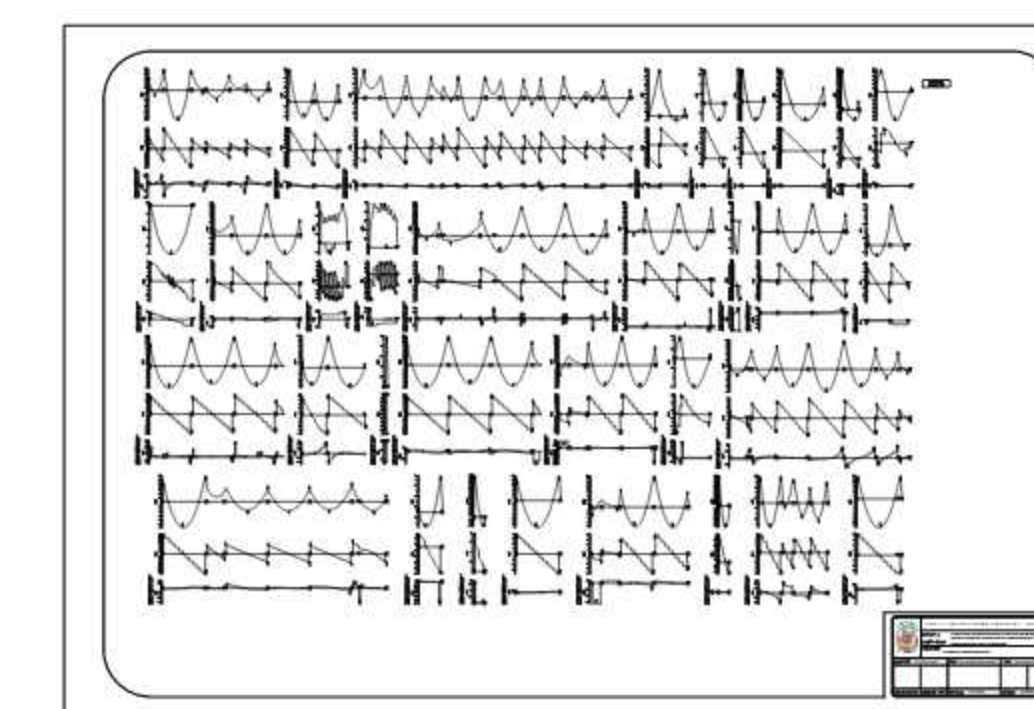
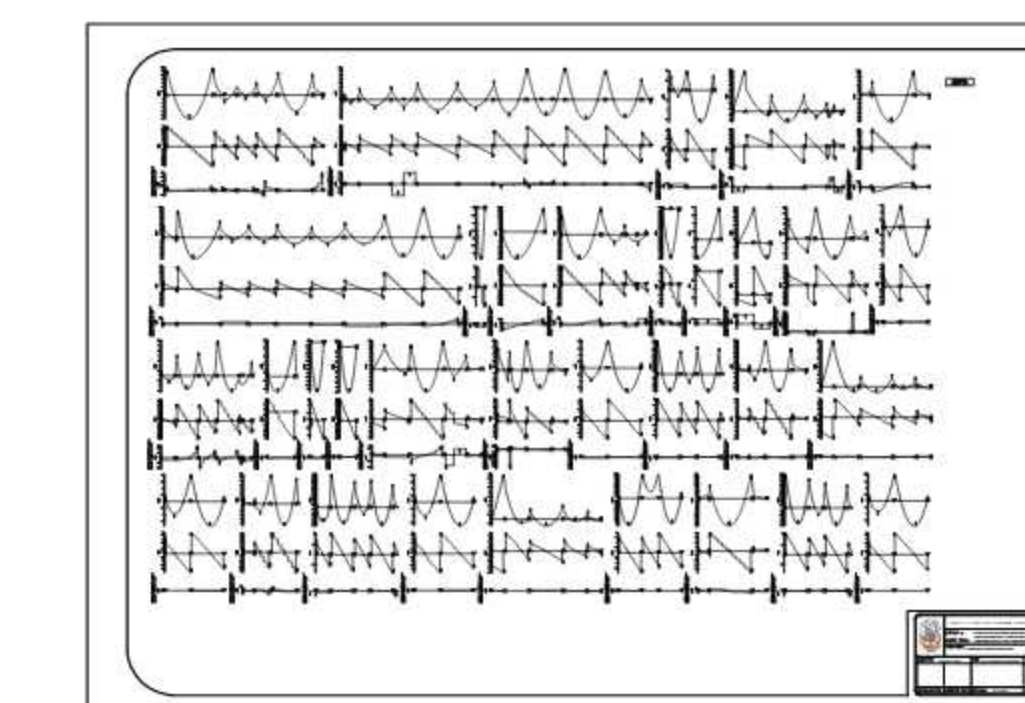
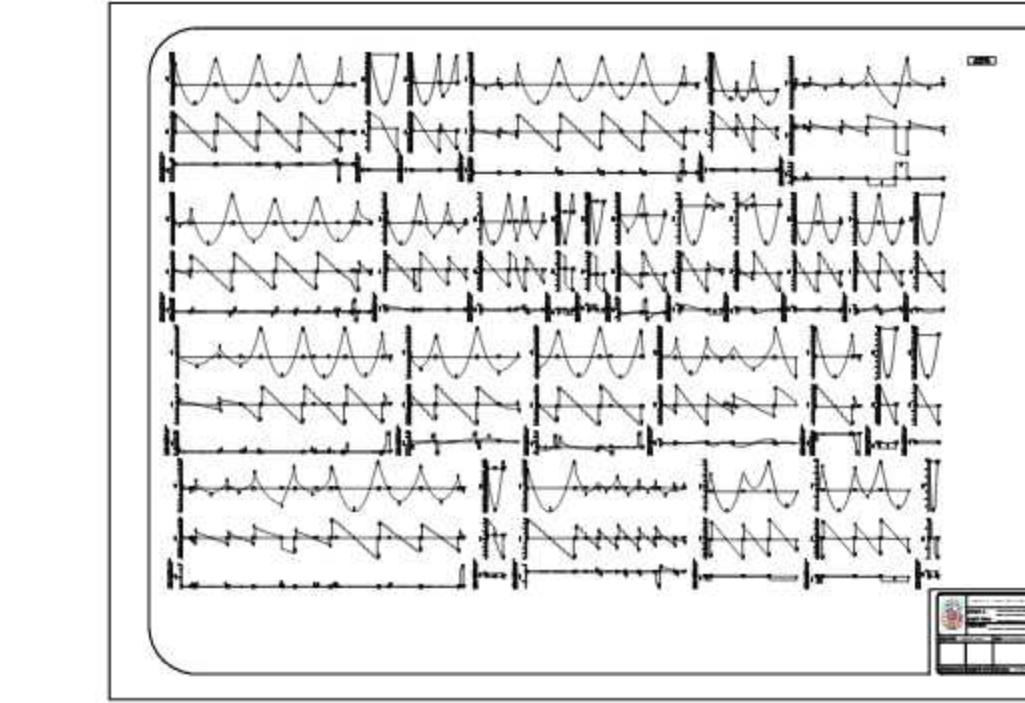
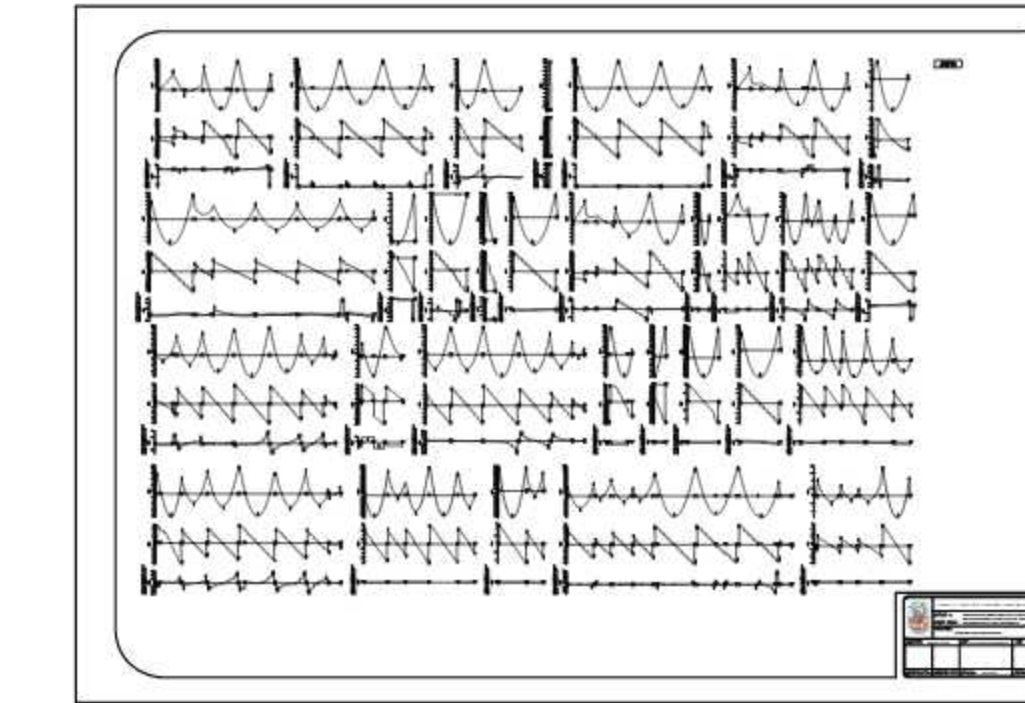
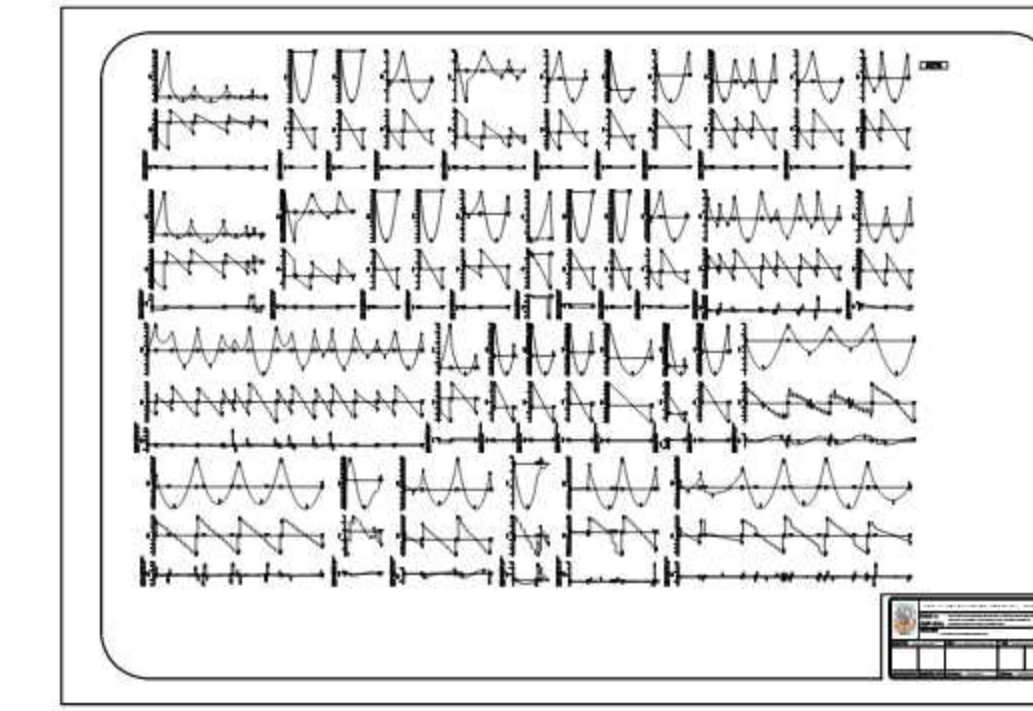
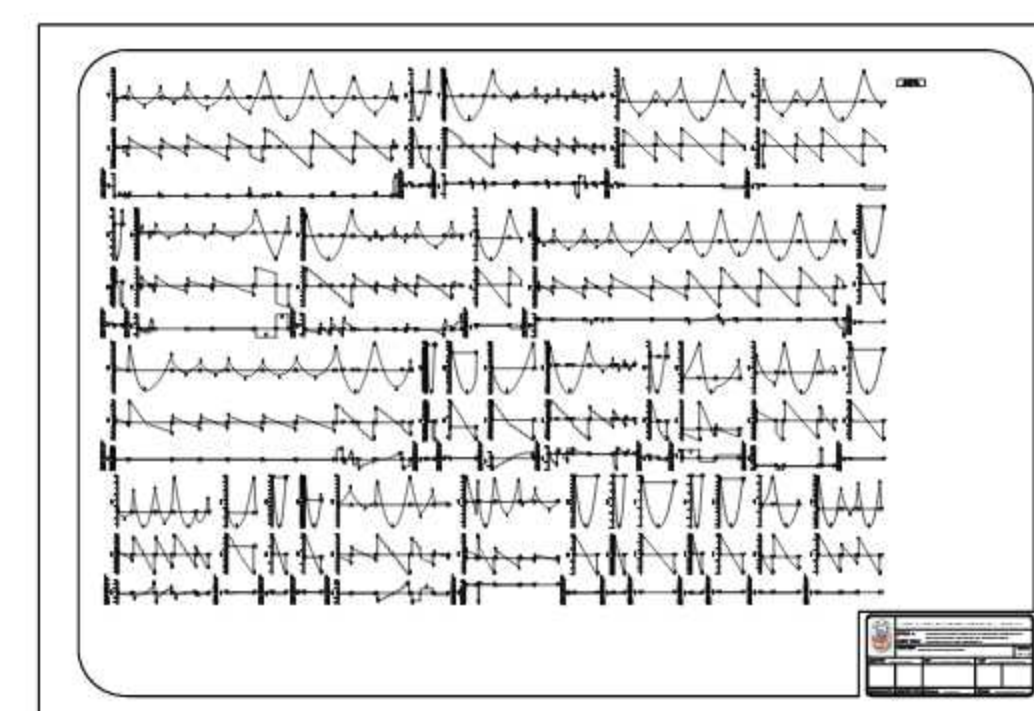
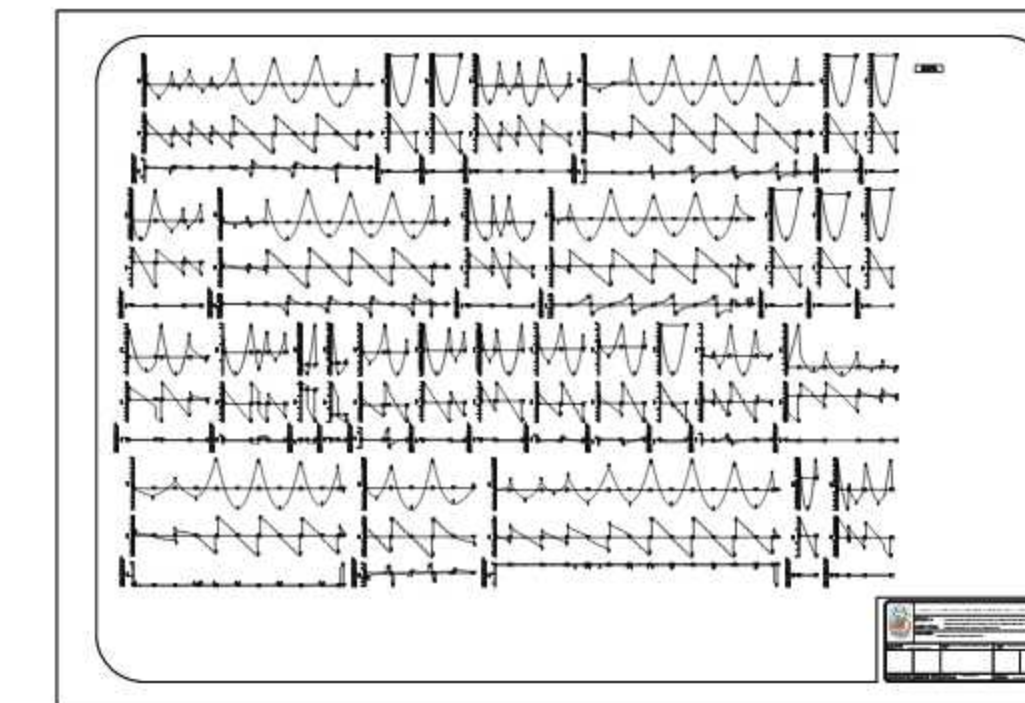
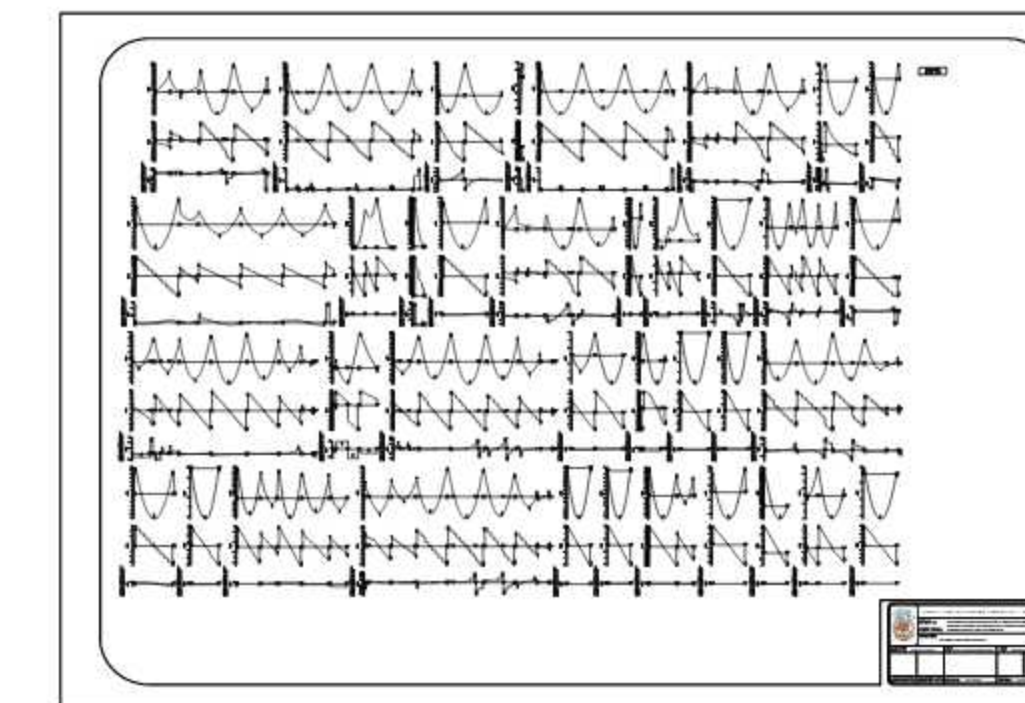
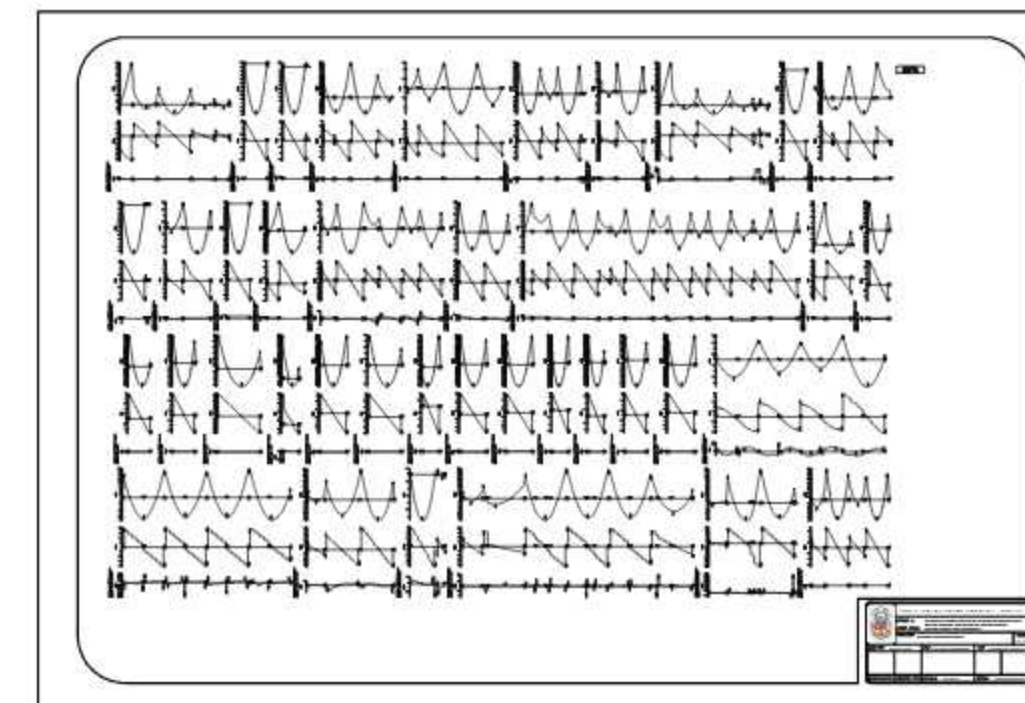
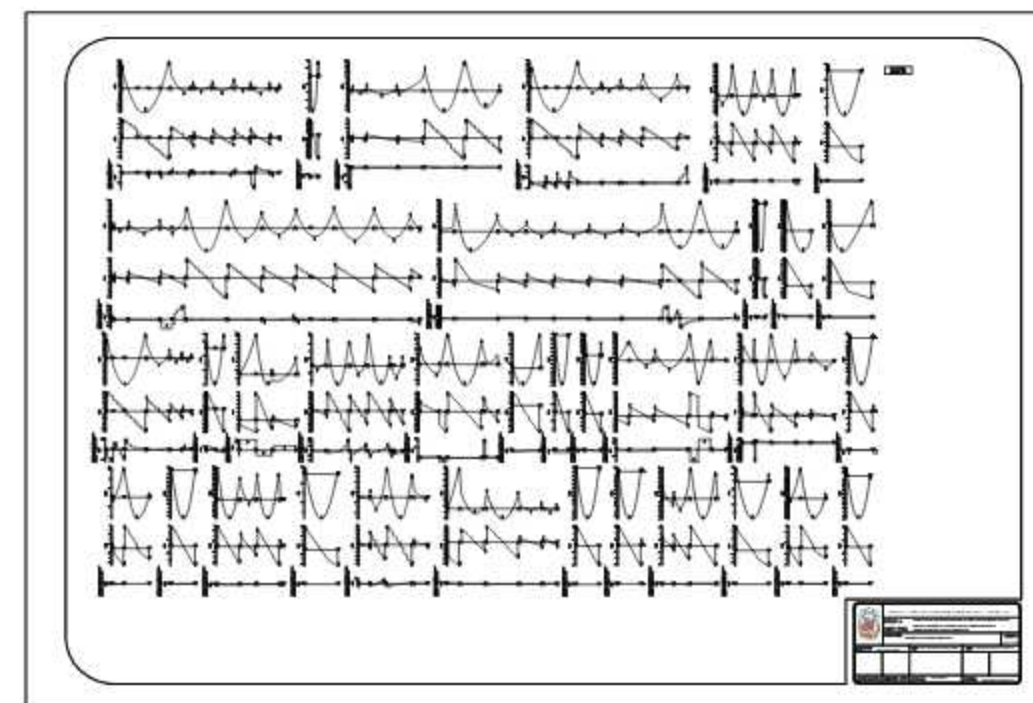
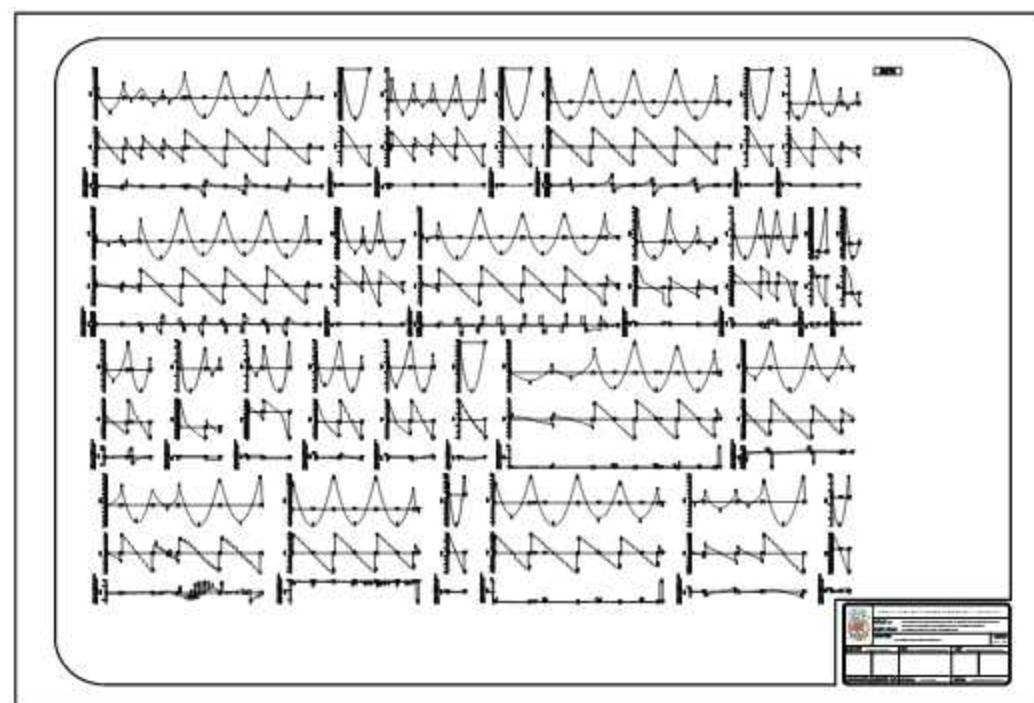
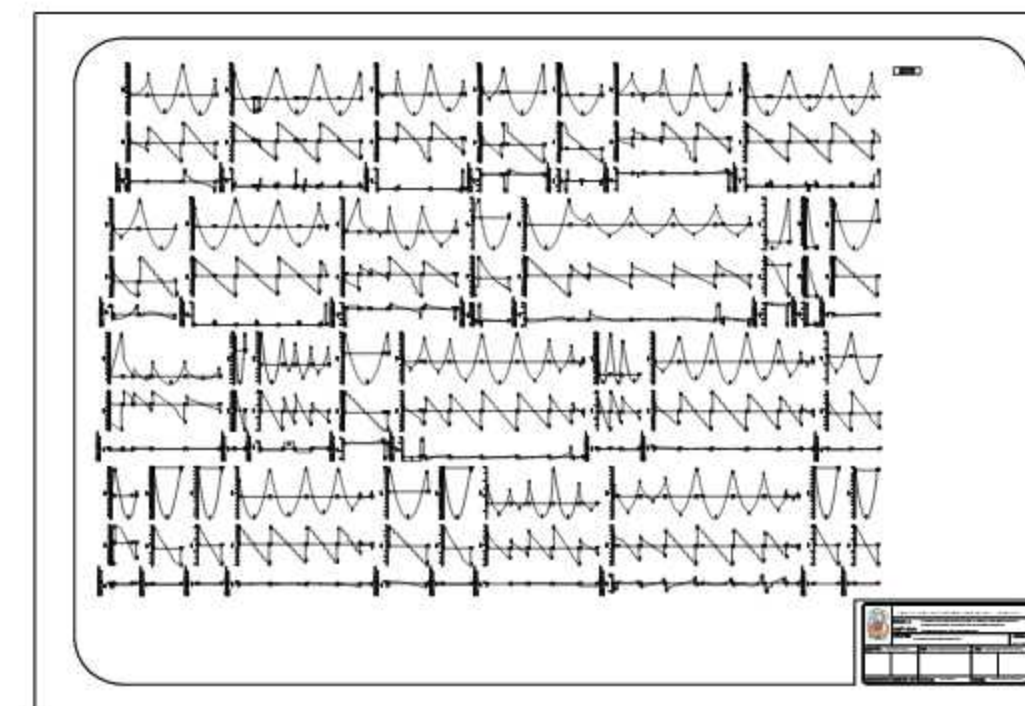
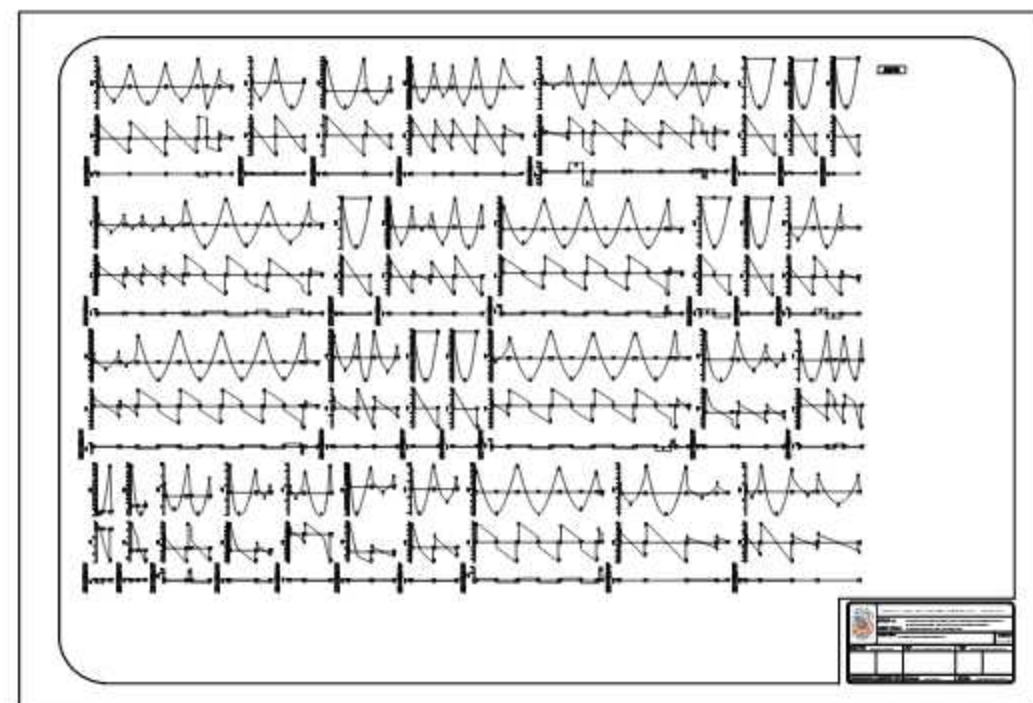
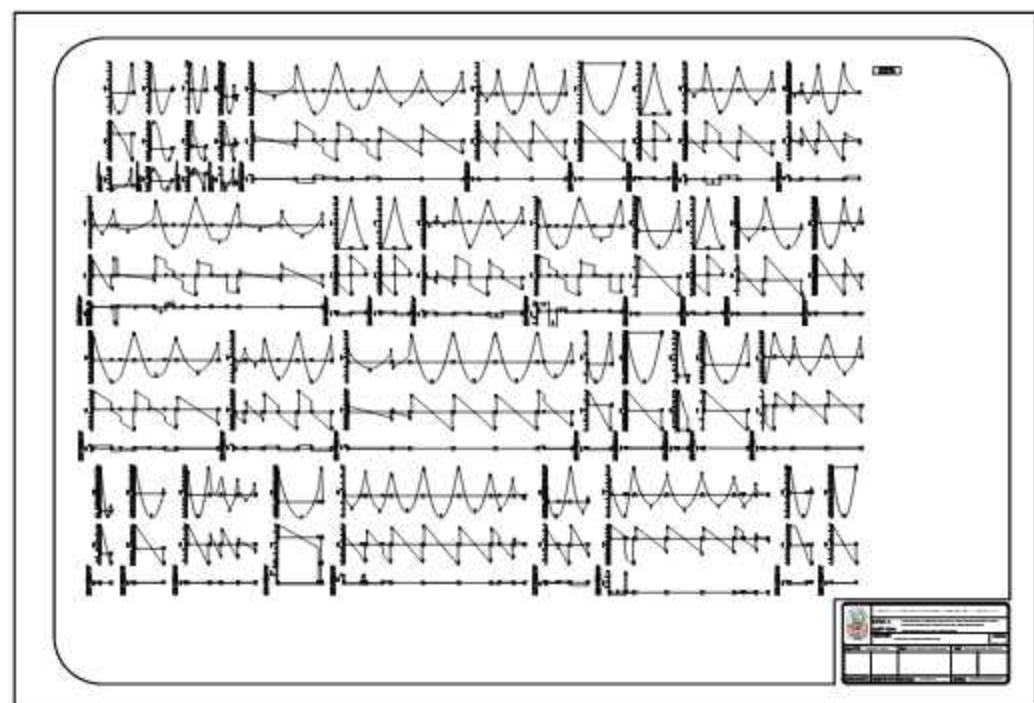






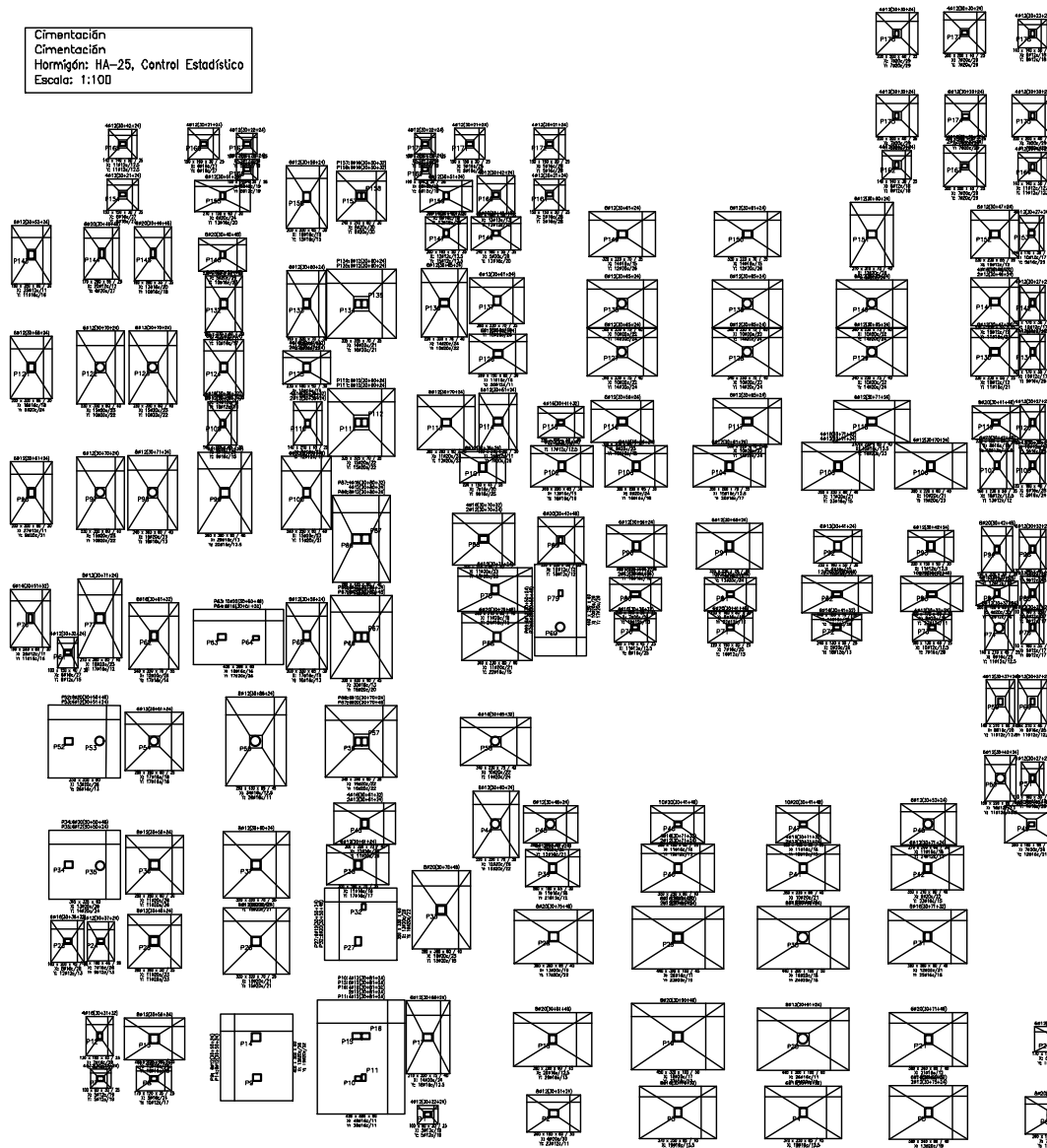




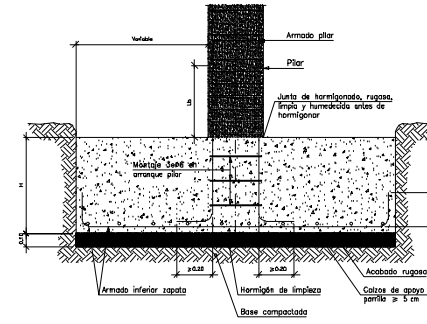


Ejemplo de Planos Estructurales - Cimentaciones

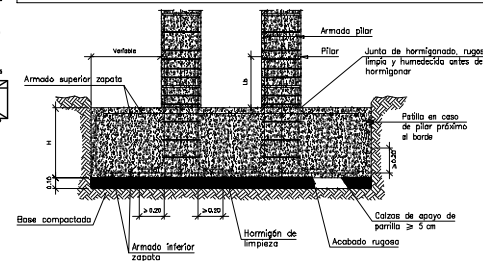
Cimentación
Cimentación
Hormigón: HA-25, Control Estadístico
Escala: 1:100



Zapata aislada.



Zapata combinada de dos pilares.

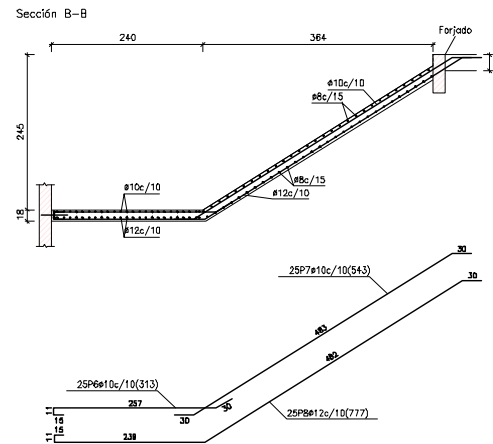
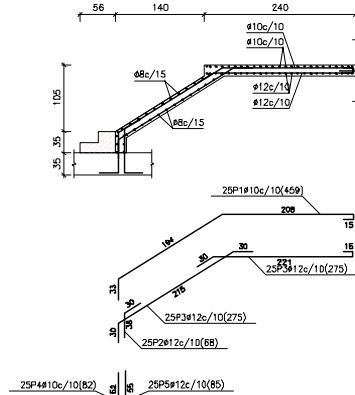
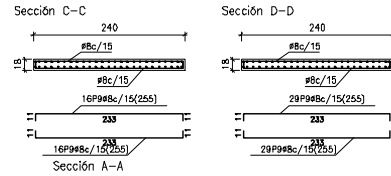
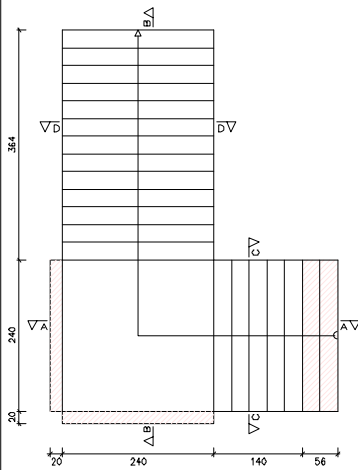


SUMARIO DE CIMENTACIONES DE CIMENTACIONES			
Referencia	Descripción	Columna	Columna
P1	100x100	100x100	100x100
P2	100x100	100x100	100x100
P3	100x100	100x100	100x100
P4	100x100	100x100	100x100
P5	100x100	100x100	100x100
P6	100x100	100x100	100x100
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P96	100x100	100x100	100x100
P97	100x100	100x100	100x100
P98	100x100	100x100	100x100
P99	100x100	100x100	100x100
P100	100x100	100x100	100x100

Ejemplo de PLanos Estructurales - Escaleras de Hormigon Armado

Escalera 1

ESCALERA A		
Geometría	Ámbito	2,400 m
	Espesor	0,18 m
	Huella	0,280 m
	Contrahuella	0,175 m
	Desnivel que salva	3,85 m
Cargas	Nº de escalones	22
	Planta final	PRIMER PISO +3,85
	Planta inicial	SOBRECORRIMENTOS +0,00
	Peso propia	0,450 t/m ²
	Pediferencia (homogénea con la losa)	0,185 t/m ²
	Soles	0,100 t/m ²
	Bordelinas	0,300 t/m
Materiales	Sobrecarga de uso	0,500 t/m ²
	Hormigón	HA-25, Control Estadístico
	Acero	R 400 S, Control Normal
	Rec. geométrico	3,0 cm

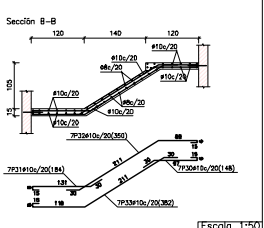
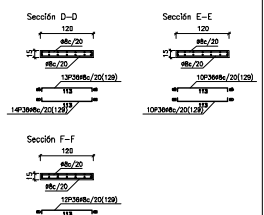
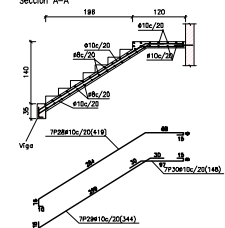
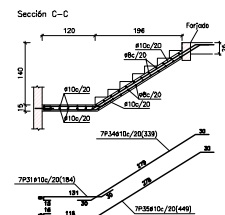
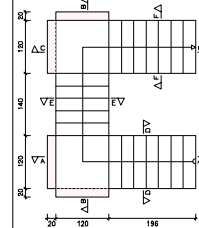


Resumen Acerca Escalera1	Long. total (m)	Peso+10% (kg)	Total
B 400 S, CN Ø8	229.5	100	698
Ø10	349.3	237	
Ø12	370.0	361	

Resumen Acerca Escalera3	Long. total (m)	Peso+10% (kg)	Total
B 400 S, CN Ø8	91.6	40	
Ø10	206.3	140	180

Resumen Acero Escalera2	Long. total (m)	Peso+10% (kg)	Total
B 400 S, CN Ø8	459.0	199	1408
Ø10	706.0	479	
Ø12	747.5	730	

ESCALERA C		
Geometría	Ámbito	1,200 m
	Espesor	0.15 m
	Huella	0.280 m
	Contrahuella	0.175 m
	Desnivel que se da	3.85 m
Cargas	N° de escalones	22
	Tramos consecutivos iguales	2
	Planta final	SEGUNDO PISO +7.70
	Planta inicial	SUBSOTERRANEOS +0.00
	Peso propio	0.375 t/m ²
Materiales	Pavimento (homologando con la lea)	1.185 t/m ²
	Solado	0.105 t/m ²
	Barandillas	0.300 t/m
	Sotrescogo de uso	0.500 t/m ²
	Hormigón	M-25, Control Estadístico
	Acero	8 400 S, Control Normal
	Rac. geométrico	3.0 cm



Elemento	Pos.	Di.	M.	N.	Long. (m)	Total (kg)	B 400 S. (kg)	D ₁
Escadela – ESOLILIRA A								
1	410	25	159	11475	70,7			
2	412	25	68	1100	15,1			
3	412	50	775	13150	12,1			
4	410	25	81	205	12,6			
5	412	25	86	16	8,5			
6	410	25	131	7825	48,2			
7	410	25	543	75	8,7			
8	412	25	777	1943	17,23			
9	418	90	755	2290	40,8			
					total=1016			
Escadela – ESOLILIRA B								
10	410	25	159	11475	70,7			
11	412	25	68	1100	15,1			
12	412	50	775	13150	12,1			
13	410	25	87	2179	13,4			
14	412	25	90	20	8,5			
15	410	25	131	7825	48,2			
16	410	25	543	75	8,7			
17	412	25	777	1943	17,23			
18	418	90	755	2290	40,8			
					total=1016			
Escadela – ESOLILIRA C								
19	410	25	159	11475	70,7			
20	412	25	68	1100	15,1			
21	412	50	775	13150	12,1			
22	410	25	107	2179	13,4			
23	412	25	110	2150	24,4			
24	410	25	131	7825	48,2			
25	410	25	543	75	8,7			
26	412	25	777	1943	17,23			
27	418	90	755	2290	40,8			
					total=1016			
Escadela – ESOLILIRA C								
28	410	7	119	2633	16,1			
29	410	14	214	400	10,4			
30	410	14	148	2072	12,8			
31	410	14	164	194	6,6			
32	410	7	350	2450	15,1			
33	410	7	382	2674	16,6			
34	410	7	339	146	3,6			
35	410	7	439	3143	18,4			
36	418	711	129	119	16,1			
					total=1016			
Escadela – ESOLILIRA D								
37	410	7	119	2633	16,1			
38	410	14	214	400	10,4			
39	410	14	148	2072	12,8			
40	410	14	164	194	6,6			
41	410	7	350	2450	15,1			
42	410	7	382	2674	16,6			
43	410	7	339	146	3,6			
44	410	7	439	3143	18,4			
45	418	711	129	119	16,1			
					total=1016			