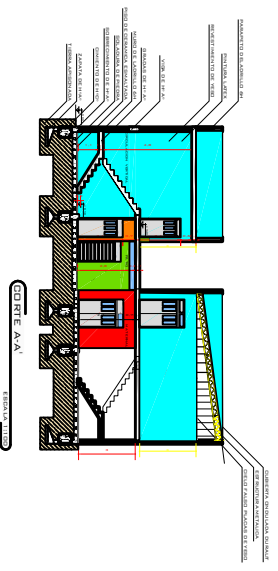
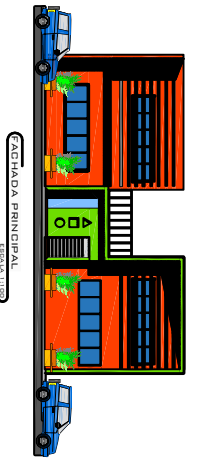
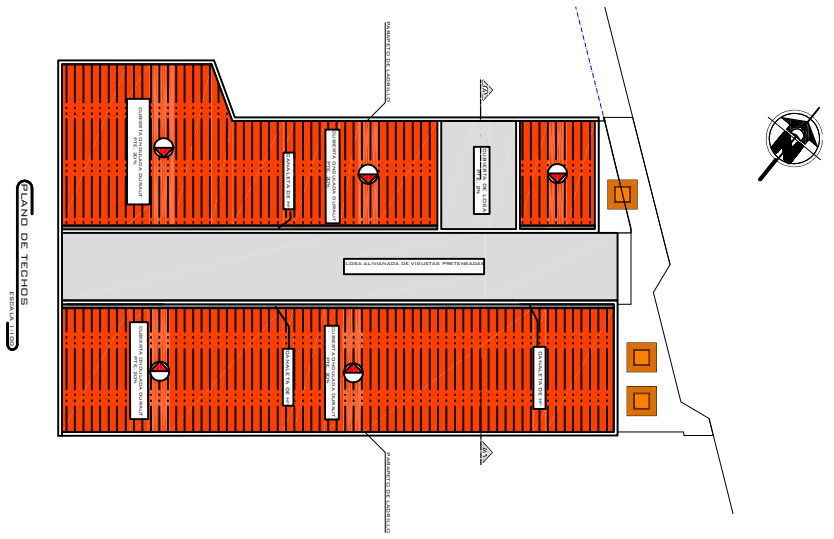
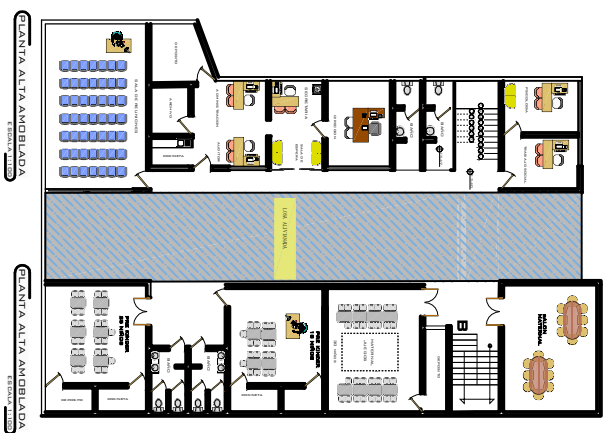
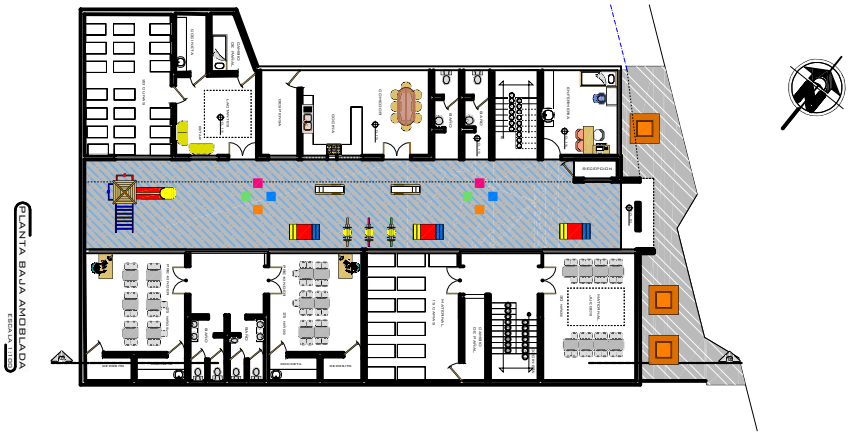
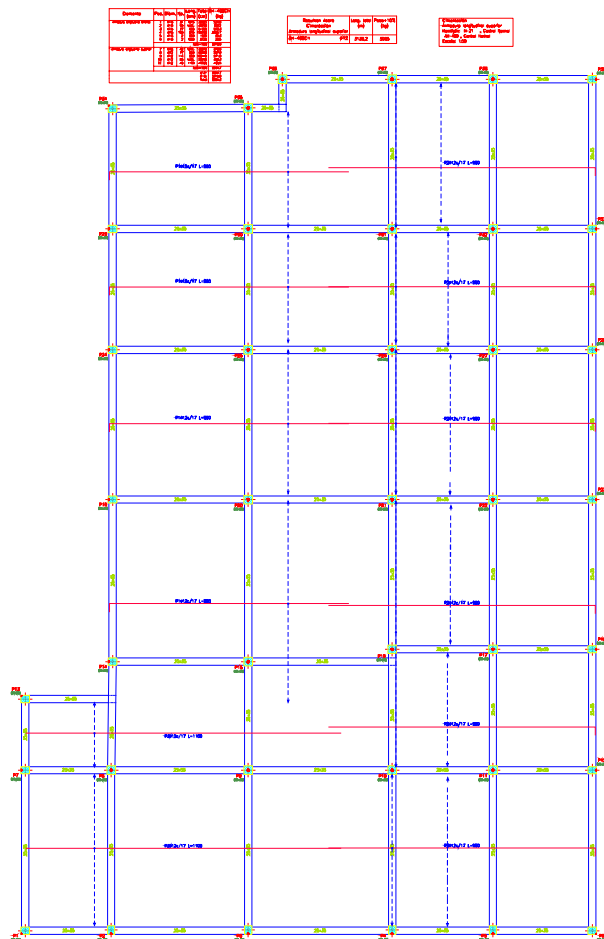
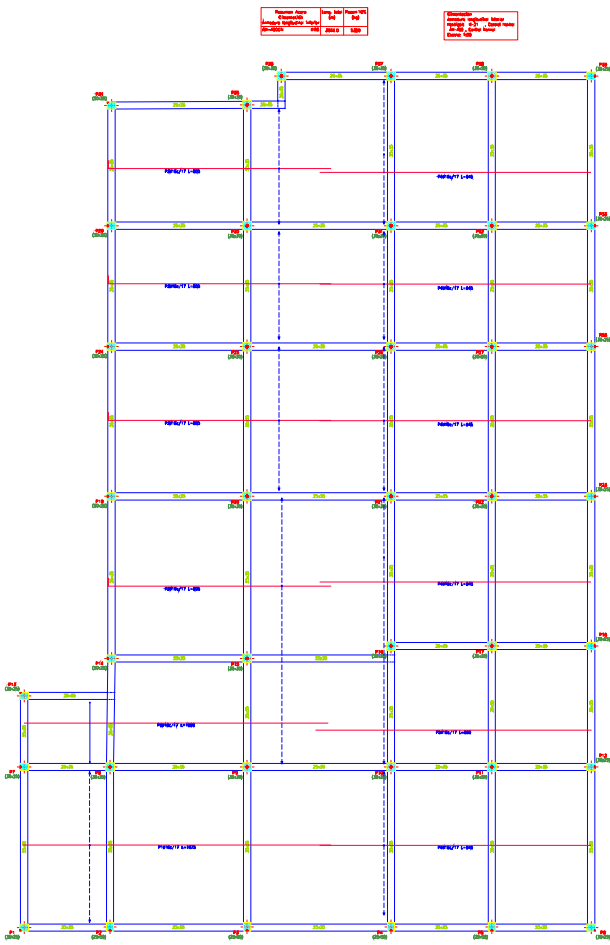


PROYECTO:	GUARDERIA ZONA NOROCCIDENTAL
CONCEPTO:	PLANOS ARQUITECTONICOS
ESTUDIANTE:	JOSE LINBERG LEON LINBERG
Vº Bº:	
ESCALA:	INDICADA
PLANO:	1/2



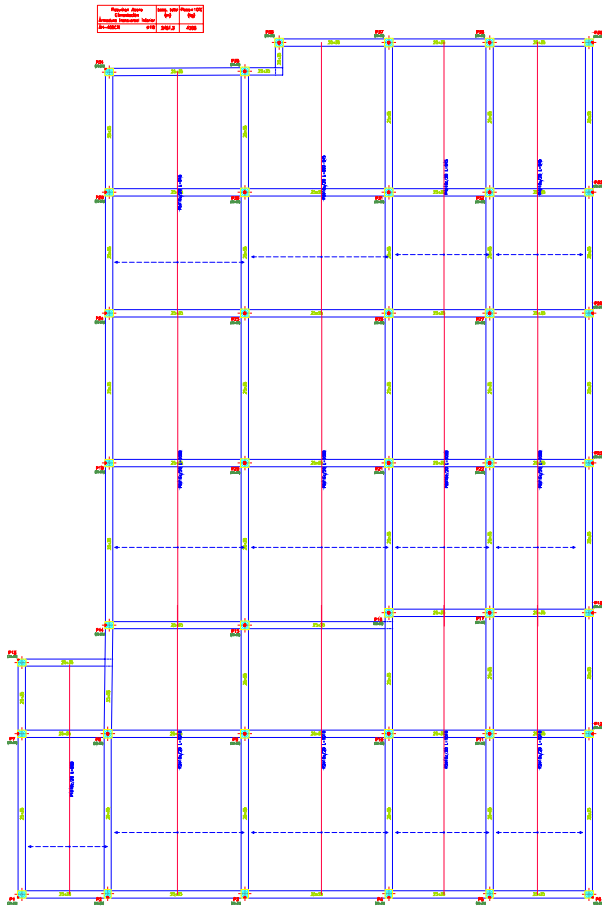
PROYECTO: GUARDERIA ZONA NOROCCIDENTAL
 CONCEPTO: PLANOS ARQUITECTONICOS
 ESTUDIANTE: JOSE LINDBERG LEONILBERG
 VO BO: []
 ESCALA: INDICADA

ARMADURA DE LOSA DE FUNDACION (LONGITUDINAL SUPERIO Y INFERIOR)



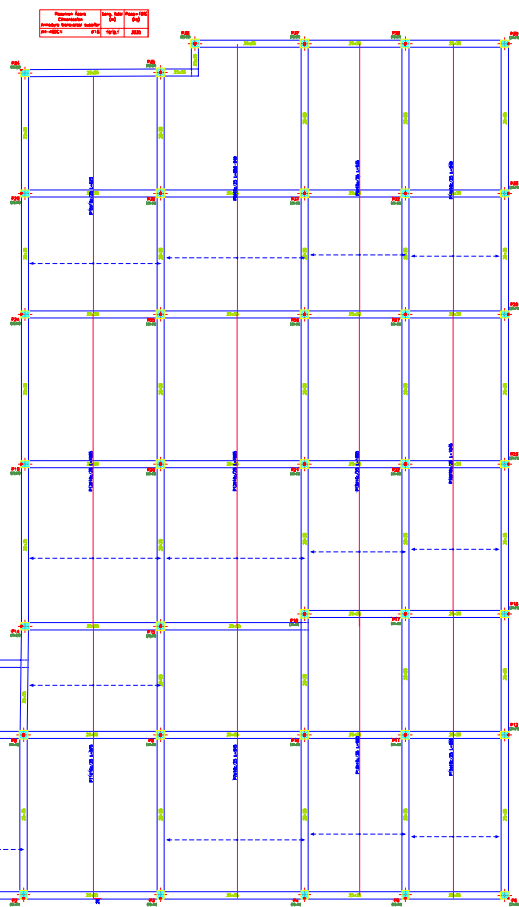
PROYECTO:	GUARDERIA ZONA NOROESTE CARAGUAY
CONCEPTO:	ARMADURA DE LOSA DE FUNDACION LONGITUDINAL (SUPERIOR E INFERIOR)
ESTUDIANTE:	JOSE LUIS LEON 2022
Vo Bo:	
ESCALA: 1:50	PLANO: 1/4

ARMADURA DE LOSA DE FUNDACION (TRANSVERSAL SUPERIO Y INFERIOR)

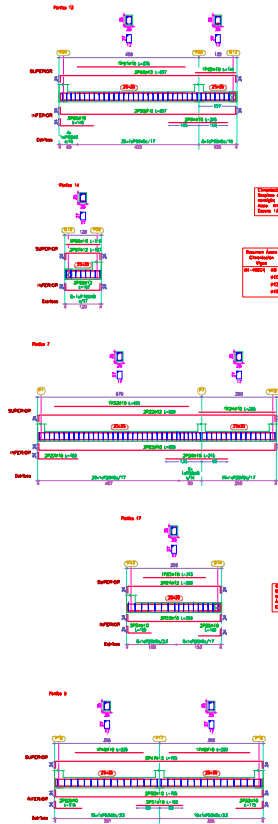
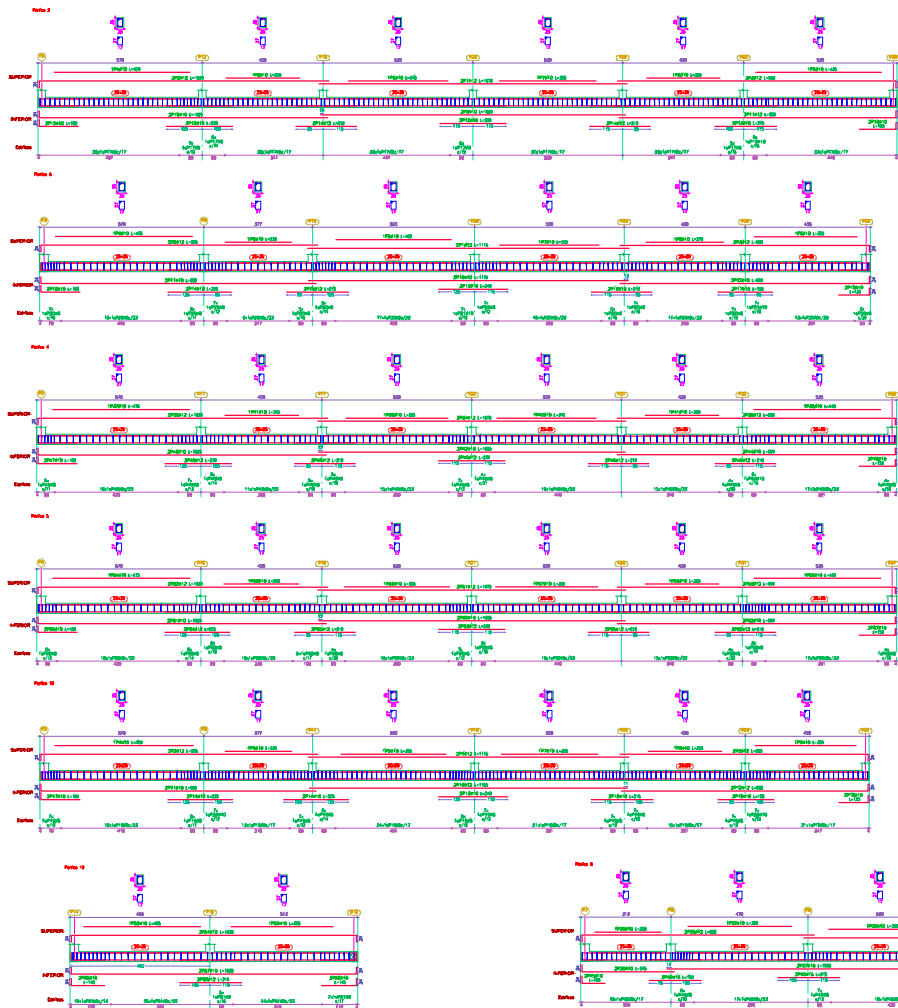


Proyecto	GUARDERIA ZONA NORTE CARABANA
Concepto	ARMADURA DE LOSA DE FUNDACION (TRANSVERSAL SUPERIO Y INFERIOR)
Estudiante	JOSE LUIS LEBRON DE LA ROSA
Fecha	2023-08-25

ARMADURA DE LOSA DE FUNDACION (TRANSVERSAL SUPERIO Y INFERIOR)



PROYECTO:	GUARDERIA ZONA NORTE CARABANA
CONCEPTO:	ARMADURA DE LOSA DE FUNDACION (TRANSVERSAL SUPERIO Y INFERIOR)
ESTUDIANTE:	JOSE LUIS LEBRON DE LA ROSA
Vo Bo:	
ESCALA: 1:50	PLANO: 2/4

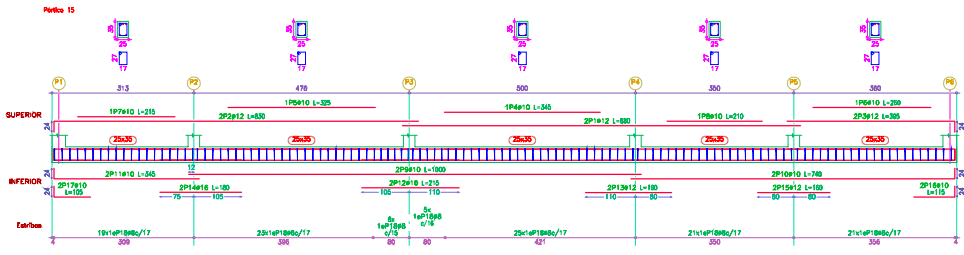
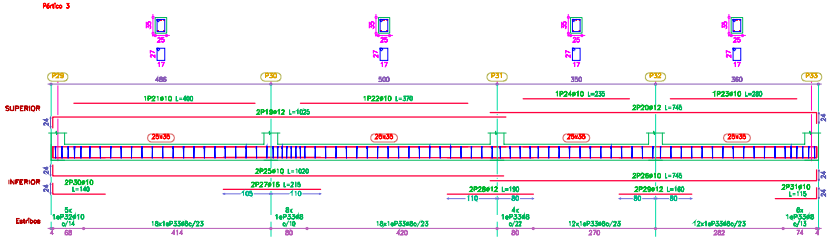
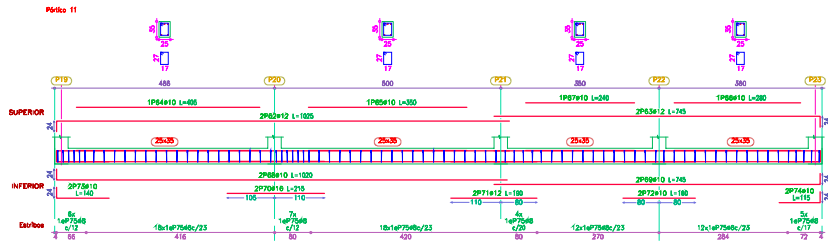
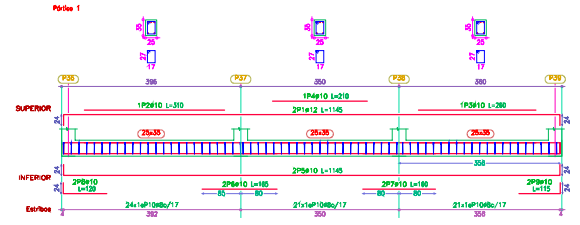
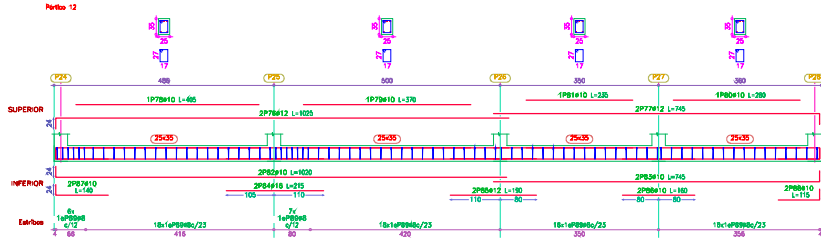


1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Elemento	Material	Sección	Longitud	Superficie	Volumen	Observaciones
...

Elemento	Material	Sección	Longitud	Superficie	Volumen	Observaciones
...

PROYECTO: GUARDERRA ZONA NOROCCIDENTAL
 CONCEPTO: VIGAS DE FUNDACIÓN
 ESTUDIANTE: JOSE LUIS GONZALEZ
 Vo Bo: ESCALA: 1:50 PLANO: 3/4



Elemento	Pres. (Ton)	No.	Long. (cm)	Total (Ton)	Pres. (Kg)
1P78x10 L=485	1.2	1	485	582	582
2P78x12 L=1025	1.2	2	1025	2460	2460
1P78x10 L=378	1.2	1	378	454	454
1P81x10 L=335	1.2	1	335	402	402
2P77x12 L=745	1.2	2	745	1788	1788
1P80x10 L=288	1.2	1	288	346	346
TOTAL				6932	6932

Clasificación:
 Diseño de Vigas
 Normas: A-23, Control Normal
 Acoral: A1-80, Control Normal
 Control: 100

Elemento	Pres. (Ton)	No.	Long. (cm)	Total (Ton)	Pres. (Kg)
1P28x10 L=310	1.2	1	310	372	372
1P48x10 L=218	1.2	1	218	262	262
1P38x10 L=288	1.2	1	288	346	346
TOTAL				980	980

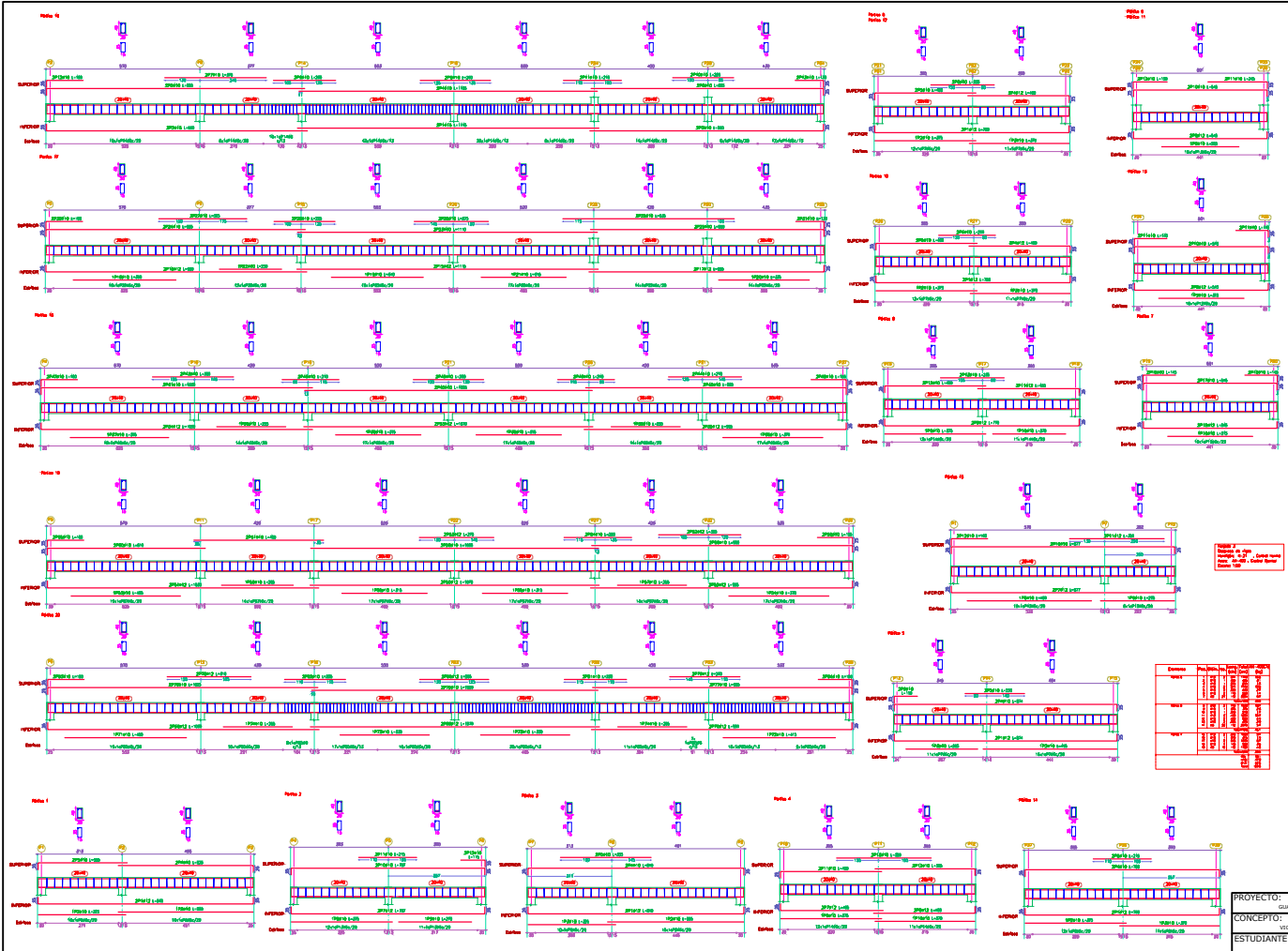
PROYECTO:
 GUARDERIA ZONA NORTE CARAPARI

CONCEPTO:
 VIGAS DE FUNDACION

ESTUDIANTE:
 JOSE LIMBERG LEON JEREZ

Vo Bó:
 ESCALA: 1:50

PLANO:
 4/4



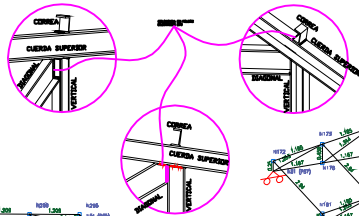
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3	1.00	m	1.00
4	1.00	m	1.00
5	1.00	m	1.00
6	1.00	m	1.00
7	1.00	m	1.00
8	1.00	m	1.00
9	1.00	m	1.00
10	1.00	m	1.00
11	1.00	m	1.00
12	1.00	m	1.00
13	1.00	m	1.00
14	1.00	m	1.00
15	1.00	m	1.00
16	1.00	m	1.00
17	1.00	m	1.00
18	1.00	m	1.00
19	1.00	m	1.00
20	1.00	m	1.00
21	1.00	m	1.00
22	1.00	m	1.00
23	1.00	m	1.00
24	1.00	m	1.00
25	1.00	m	1.00
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35	1.00	m	1.00
36	1.00	m	1.00
37	1.00	m	1.00
38	1.00	m	1.00
39	1.00	m	1.00
40	1.00	m	1.00
41	1.00	m	1.00
42	1.00	m	1.00
43	1.00	m	1.00
44	1.00	m	1.00
45	1.00	m	1.00
46	1.00	m	1.00
47	1.00	m	1.00
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97	1.00	m	1.00
98	1.00	m	1.00
99	1.00	m	1.00
100	1.00	m	1.00

PROYECTO: GUARDERIA ZONA NORTE CARANAS
 CONCEPTO: VIGAS DE ARPOYO A CURBETA
 ESTUDIANTE: JOSE LIMBERG LEON BERRIO
 Yo Bo: PLANO: 4/9
 ESCALA: 1:50

VISTA FRONTAL

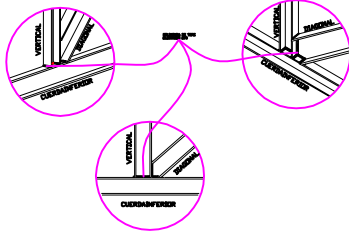
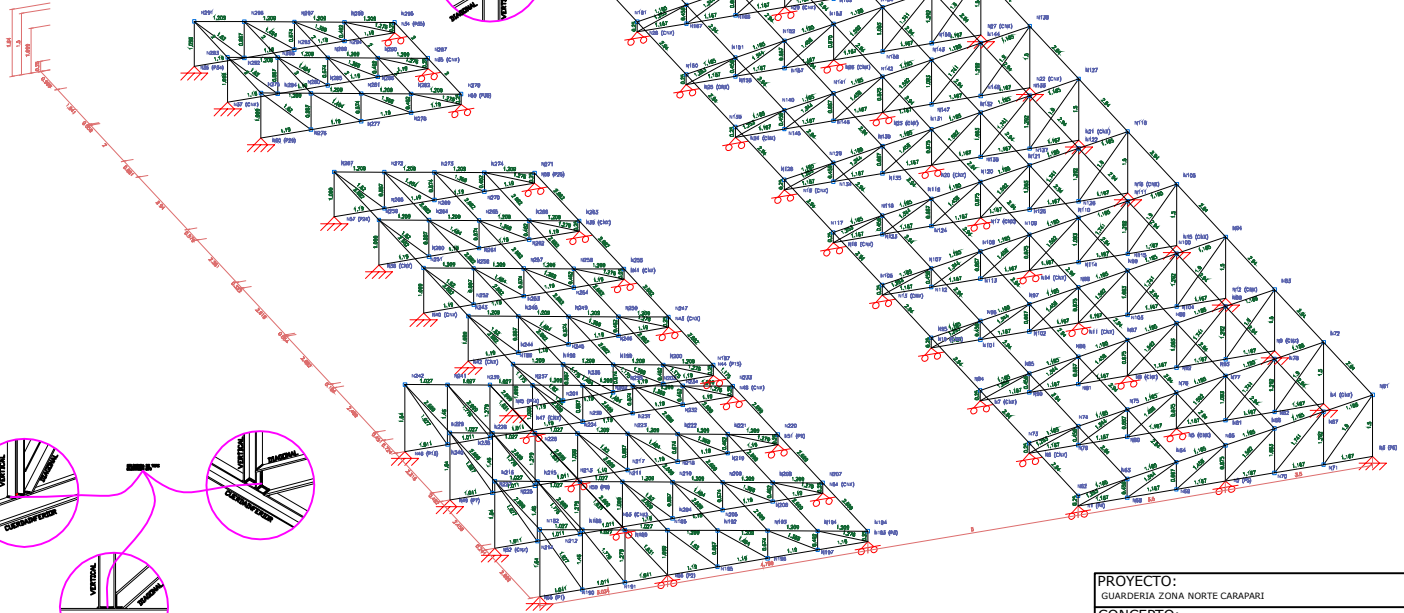


DETALLE DE LOS NUDOS



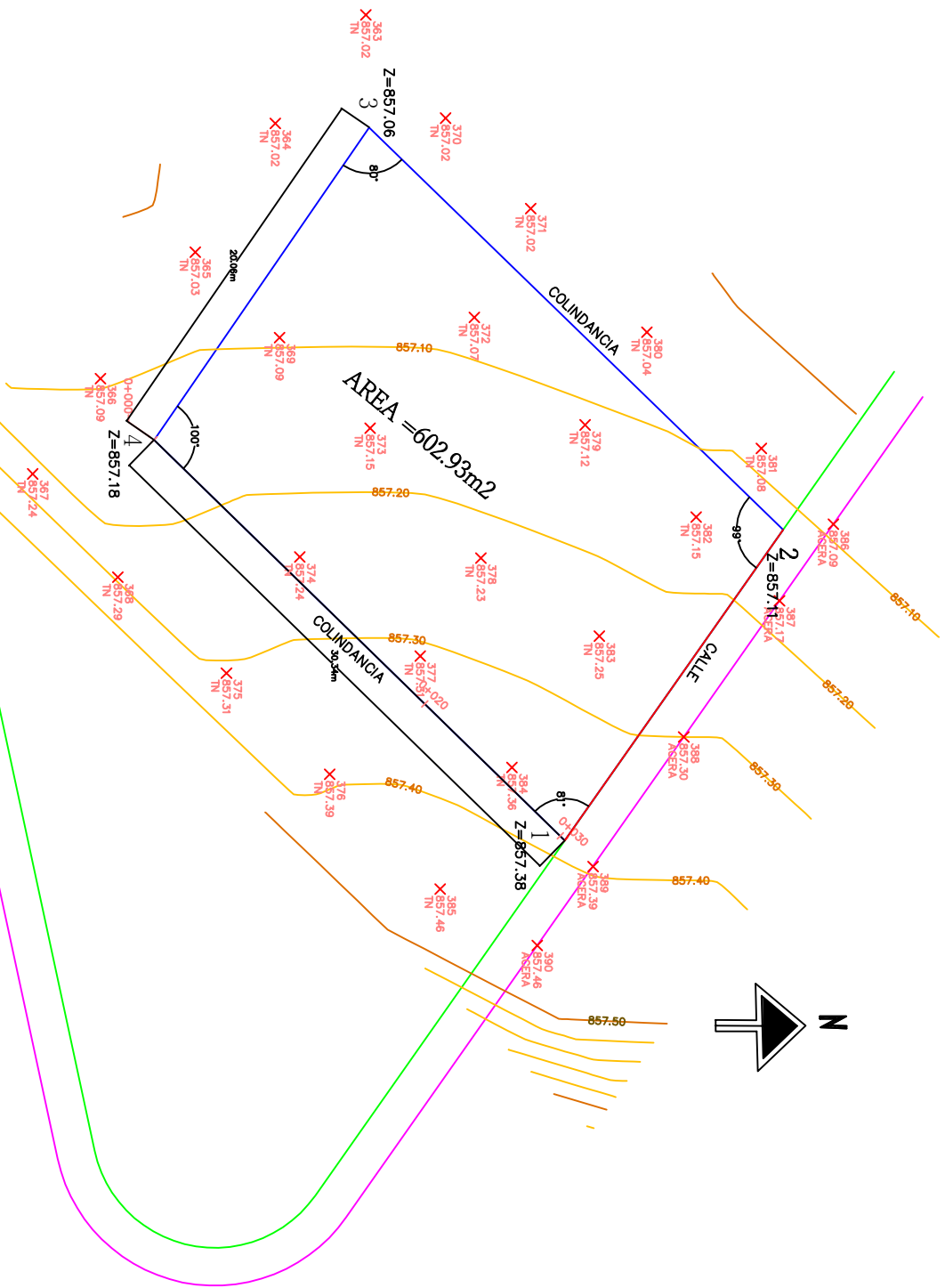
DISEÑO DE GUARDERÍA ZONA NORTE CARAPARI
Estructura 1
Norma de acero conformado: AISI S100-2007 (LRFD)
Acero conformado: ASTM A 36 36 ksi
Escala: 1:100

DISEÑO DE GUARDERÍA ZONA NORTE CARAPARI
Estructura 1
Norma de acero conformado: AISI S100-2007 (LRFD)
Acero conformado: ASTM A 36 36 ksi
Escala: 1:100



PROYECTO: GUARDERÍA ZONA NORTE CARAPARI	
CONCEPTO: CUBIERTA METÁLICA	
ESTUDIANTE: JOSE LIMBERG LEON JEREZ	
Vo Bó: ESCALA: 1:50	PLANO: 9/9

PLANO LEVANTAMIENTO TOPOGRAFICO GUARDERIA ZONA NORTE CARAPARI



Punto	Coordenada		Altitud (m.s.n.m)
	X	Y	
1	423534.56	7585751.68	857.38
2	423520.56	7585761.52	857.11
3	423500.66	7585741.18	857.06
4	423514.69	7585731.31	857.18

PROYECTO: GUARDERIA ZONA NORTE CARAPARI
 CONCEPITO: PLANO TOPOGRAFICO
 ESTUDIANTE: ANA MARIBEL GONZALEZ JIMENEZ
 No Bo: _____
 ESCALA: INDICADA
 PLANO: 1/1