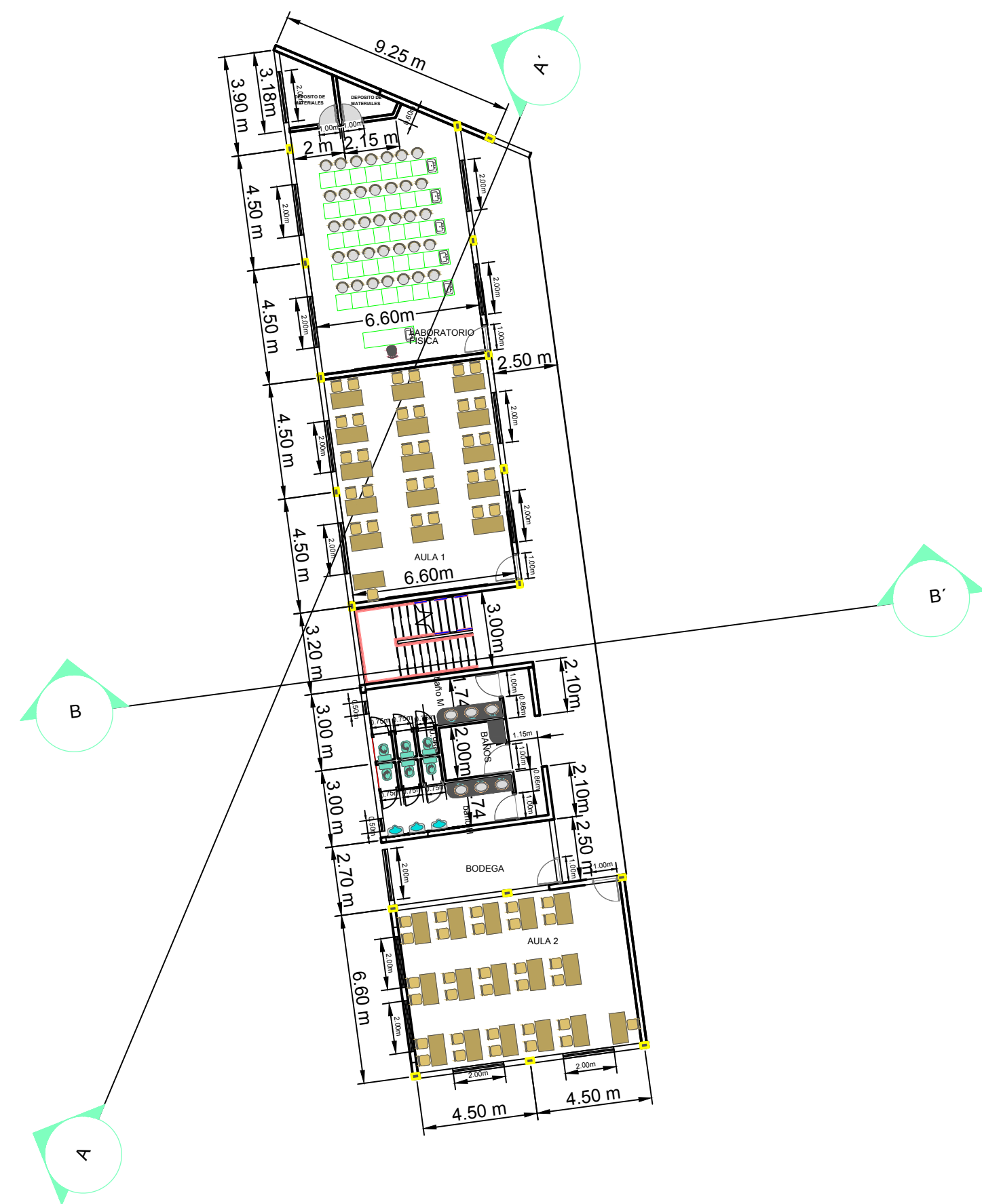
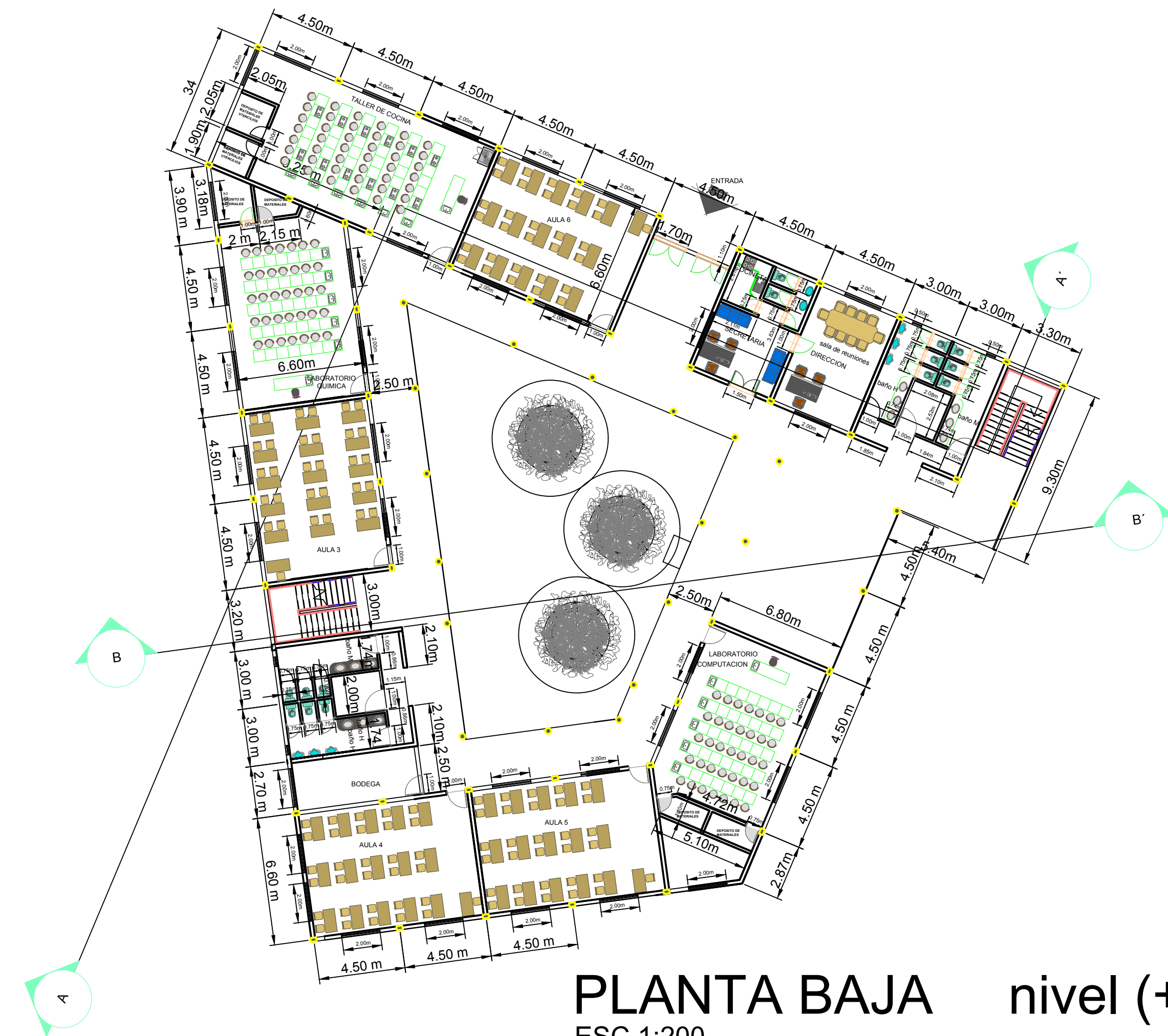
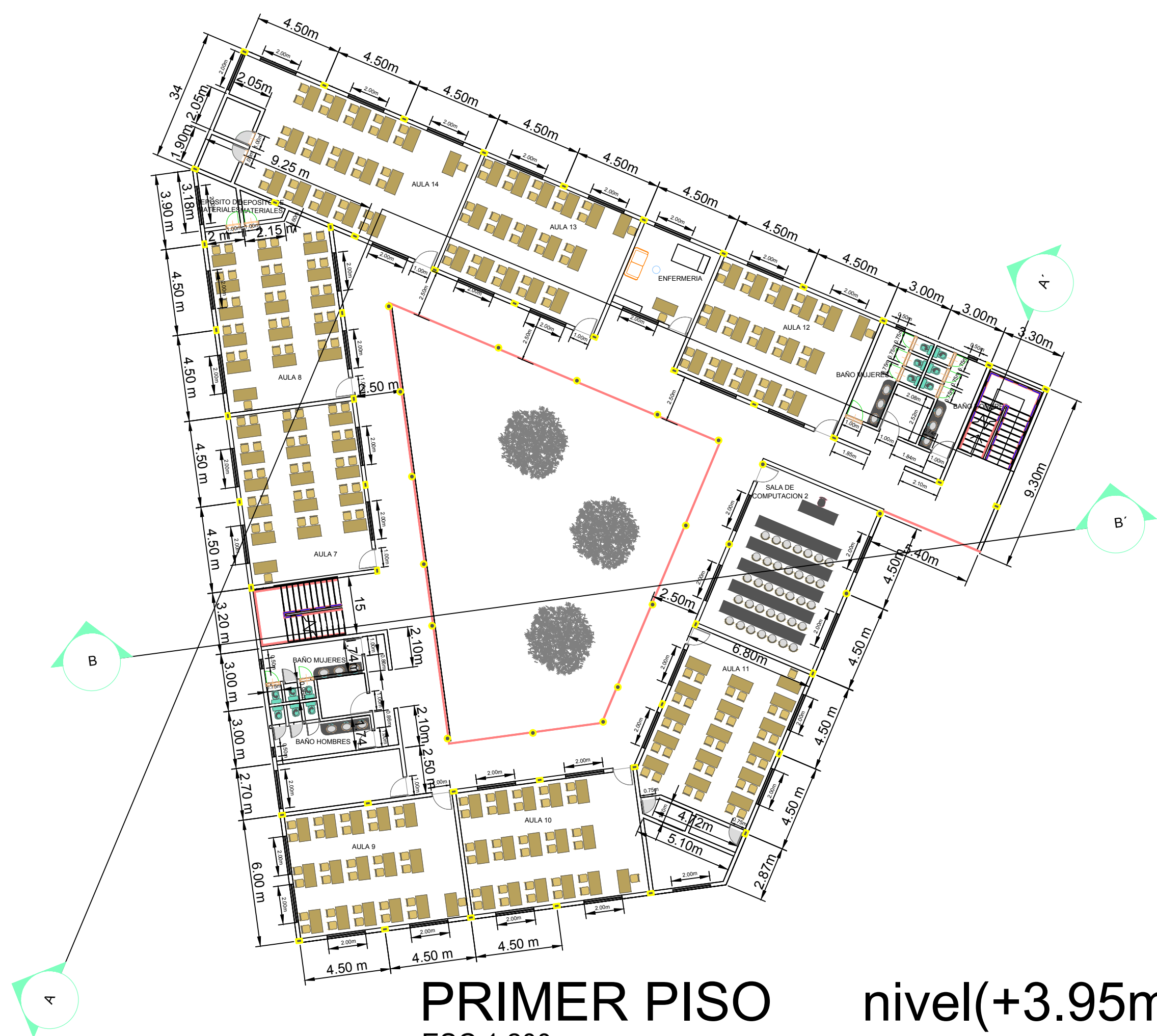




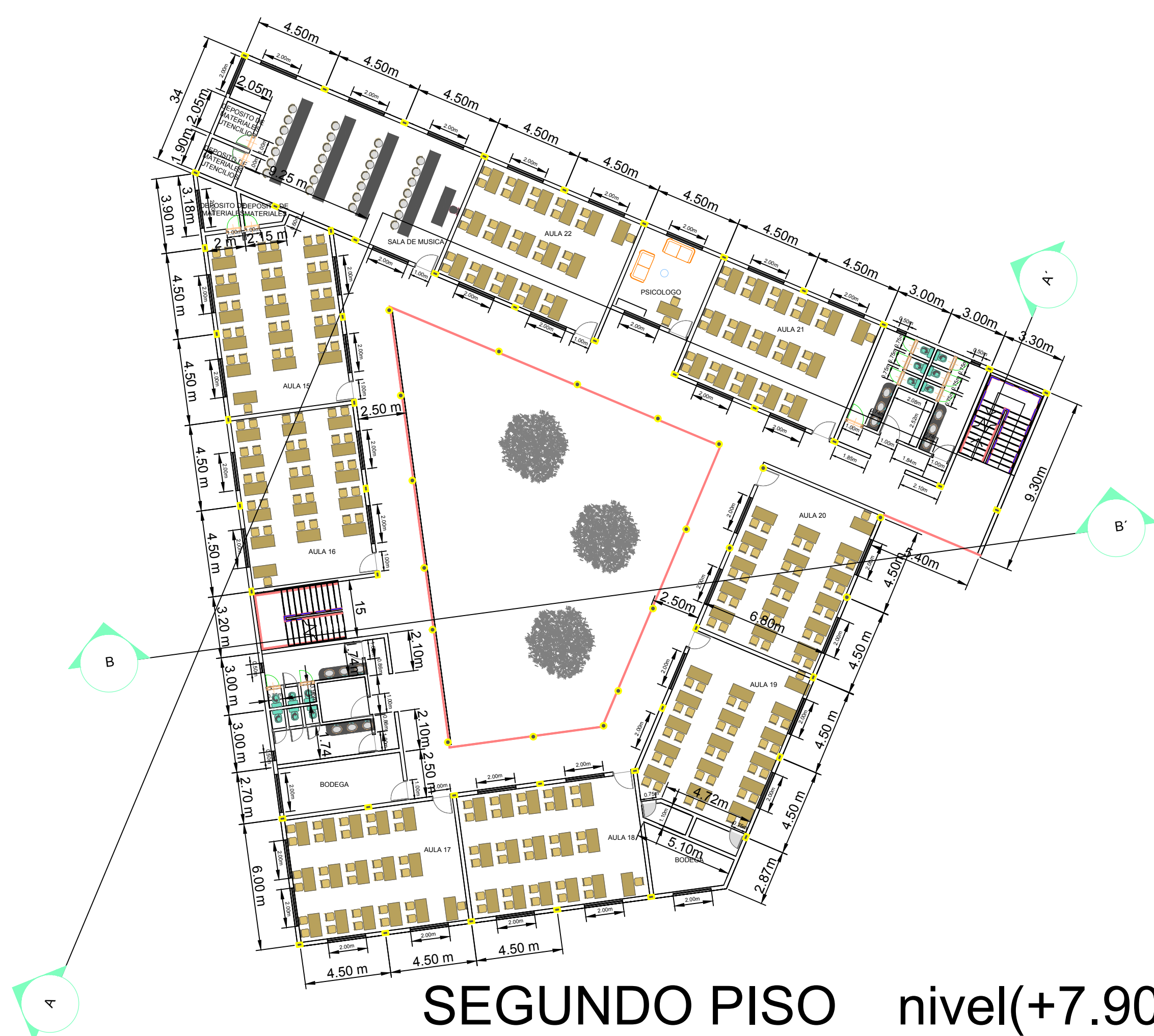
SOTANO nivel (-3.95m)
ESC 1:200



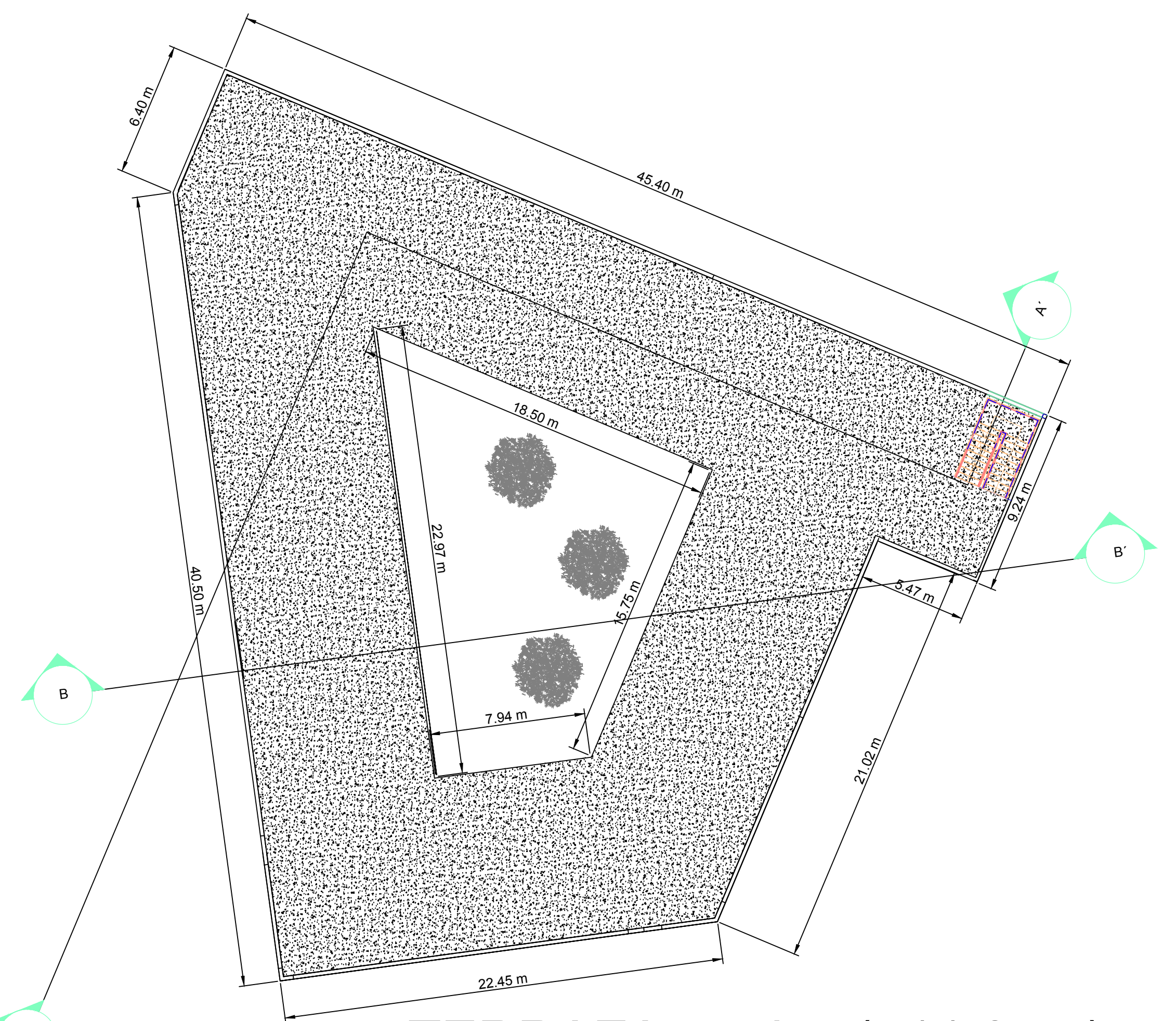
PLANTA BAJA nivel (+0.00m)
ESC 1:200



PRIMER PISO nivel(+3.95m)
ESC 1:200



SEGUNDO PISO nivel(+7.90m)
ESC 1:200

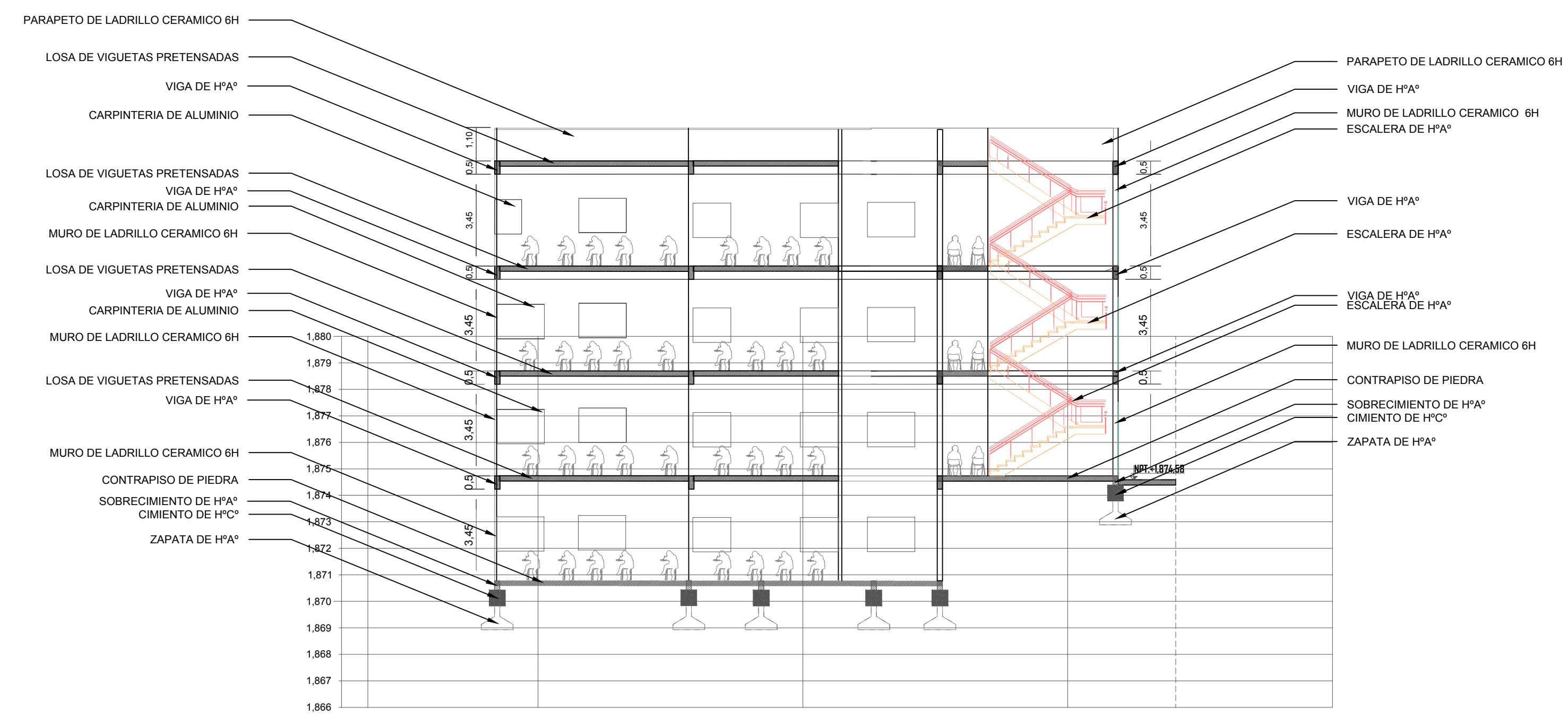


TERRAZA nivel(+11.85m)
ESC 1:200

UNIVERSIDAD : JUAN MISAEL SARACHO	ENTIDAD : ALCALDIA MUNICIPAL DE LA PROVINCIA CERCADO	PROYECTO : DISEÑO ESTRUCTURAL DE LA NUEVA U.E. JORGE ARAOZ CAMPERO	UBICACION : CIUDAD DE TARIJA BARRIO LA LOMA	ASIGNATURA: CIV-502 PROYECTO DE INGENIERIA CIVIL II	LAMINA: 1/22
CARRERA : ING.CIVIL	DESCRIPCION : PLANOS ARQUITECTONICOS	ESCALA : INDICADAS	FECHA : TARIJA SEPTIEMBRE DE 2019	UNIVERSITARIO: FARFÁN FIGUEROA GONZALO	

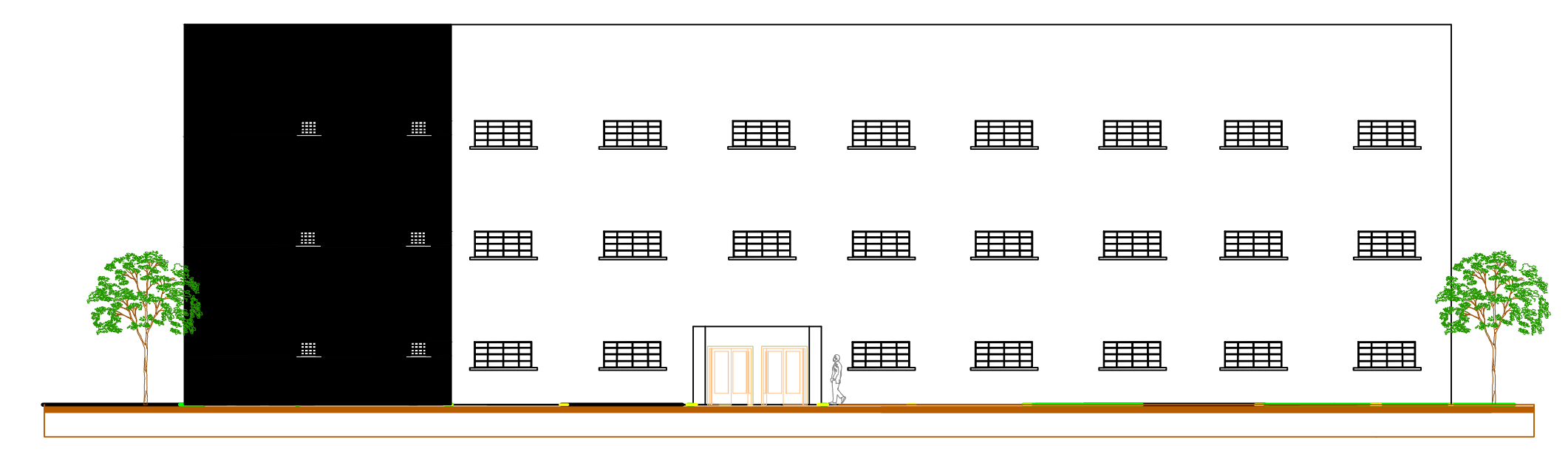
CORTE A-A'

ESC 1:150



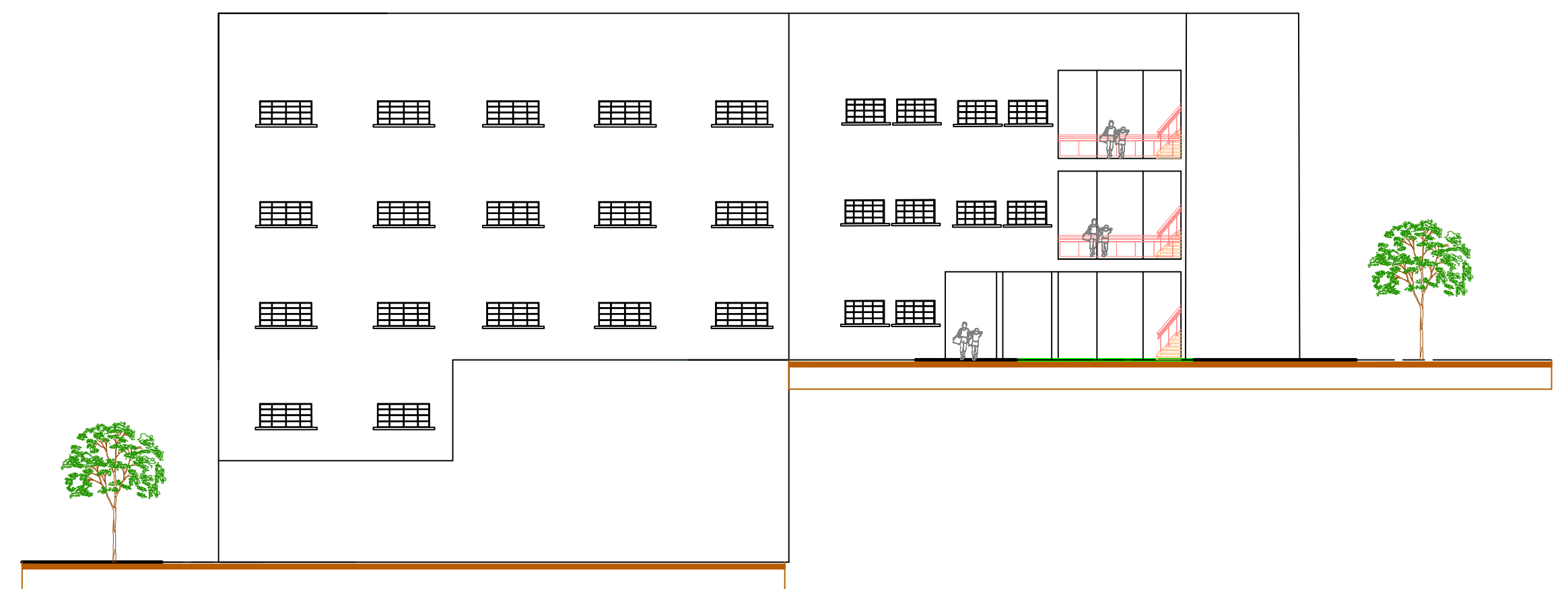
FACHADA FRONTAL

ESC 1:200



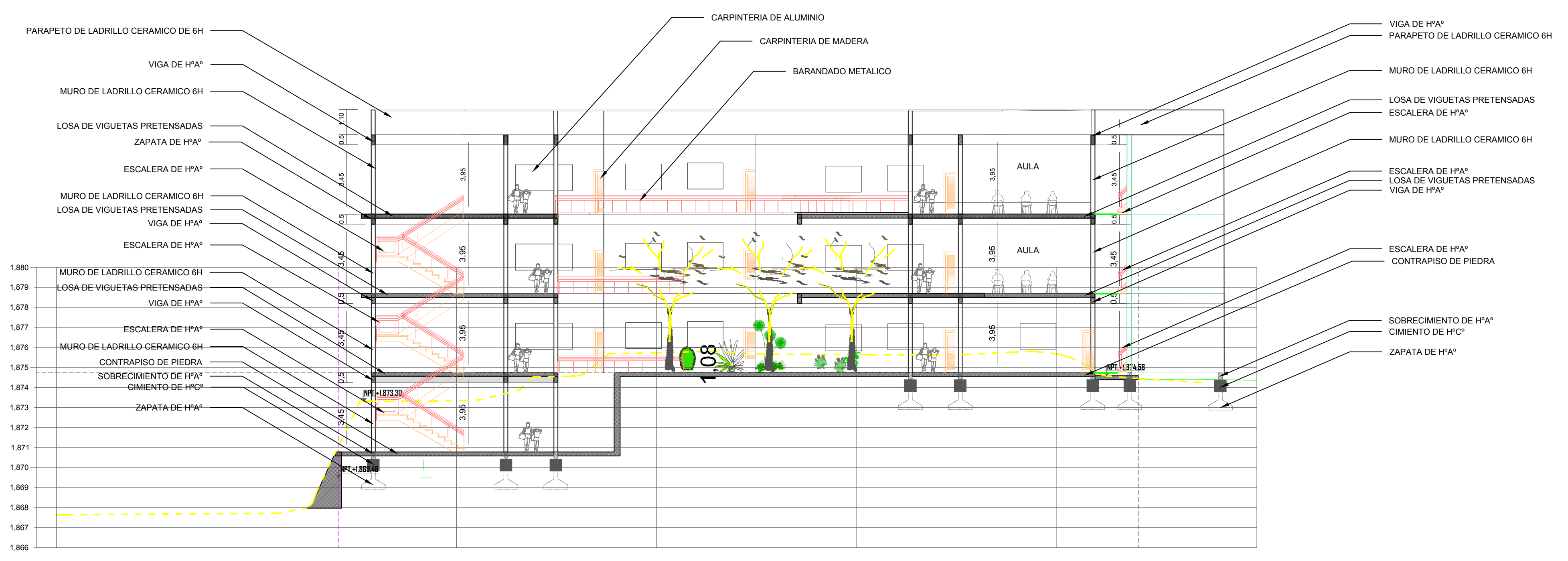
FACHADA LATERAL SUR

ESC 1:200



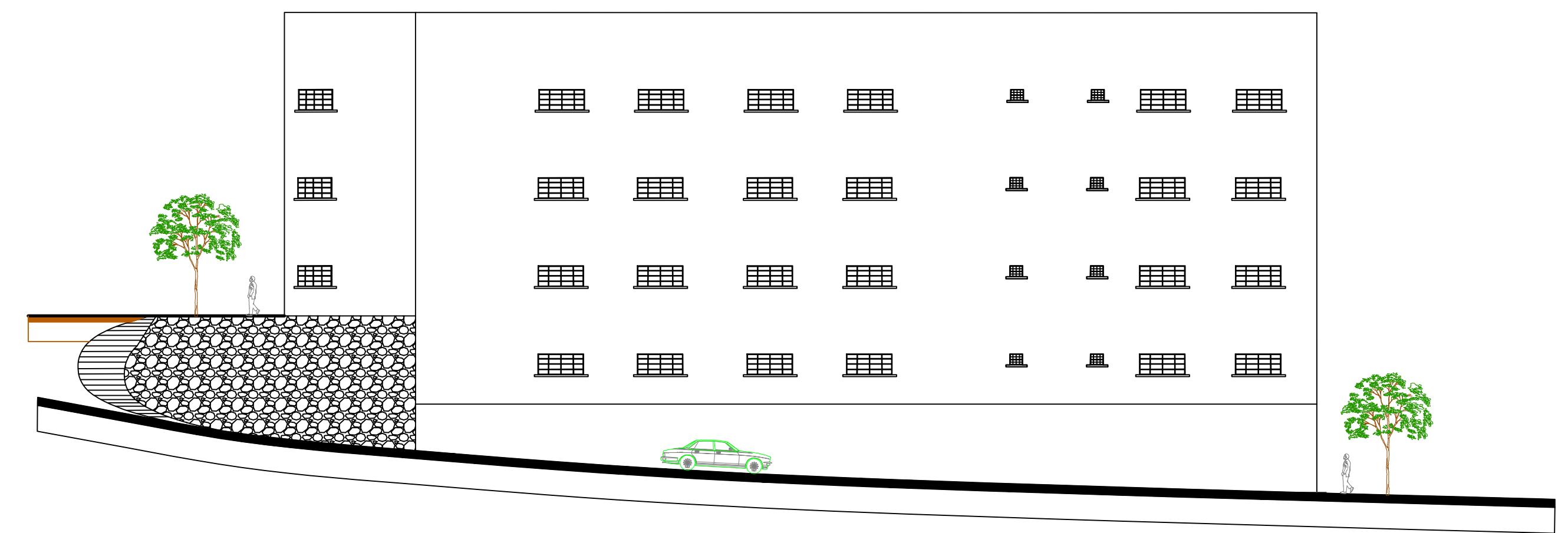
CORTE B-B'

ESC 1:150

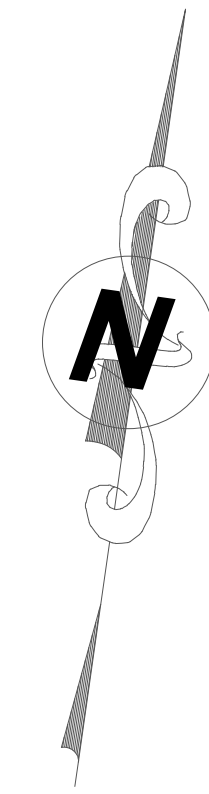
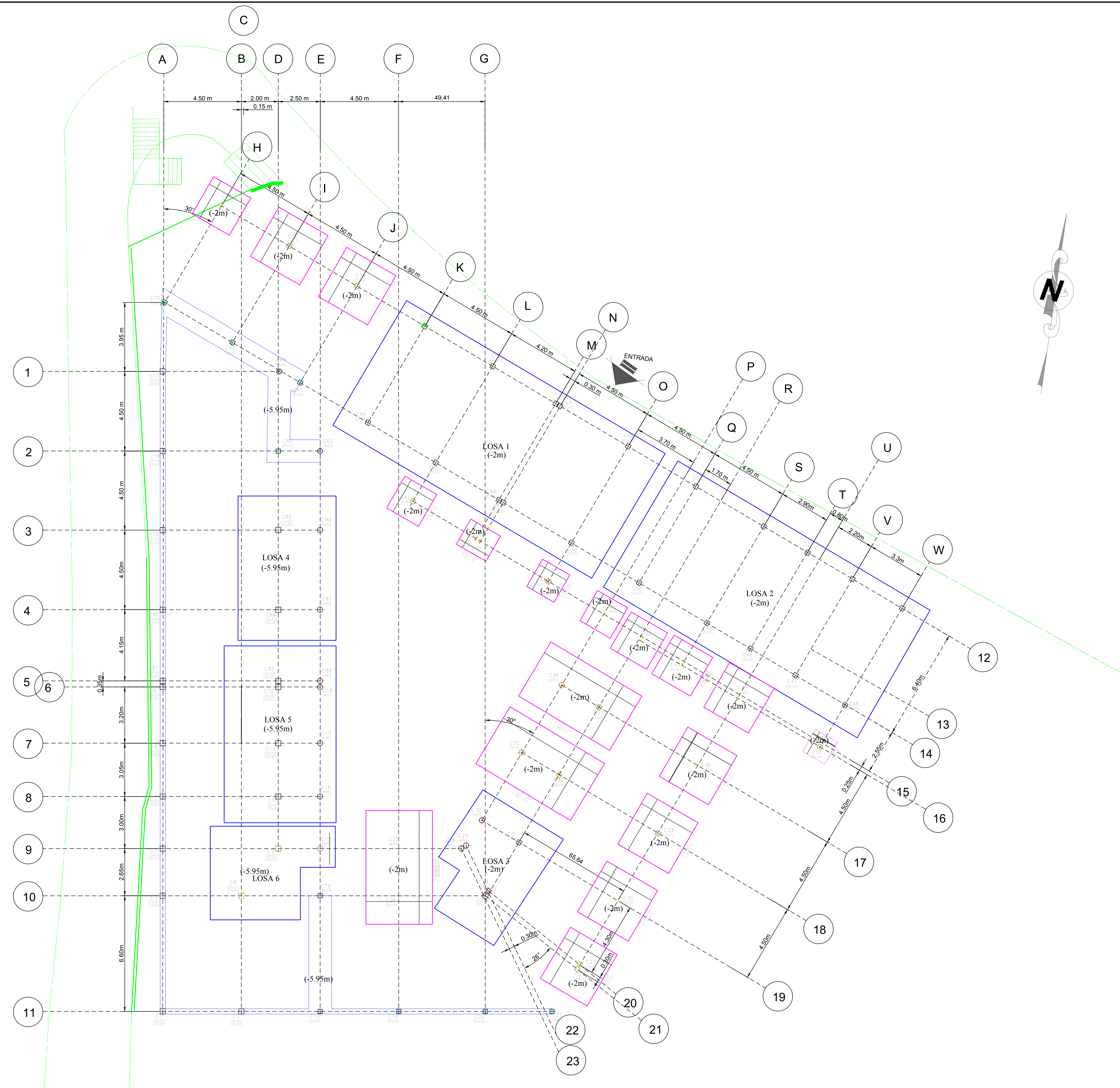


FACHADA LATERAL OESTE

ESC 1:200

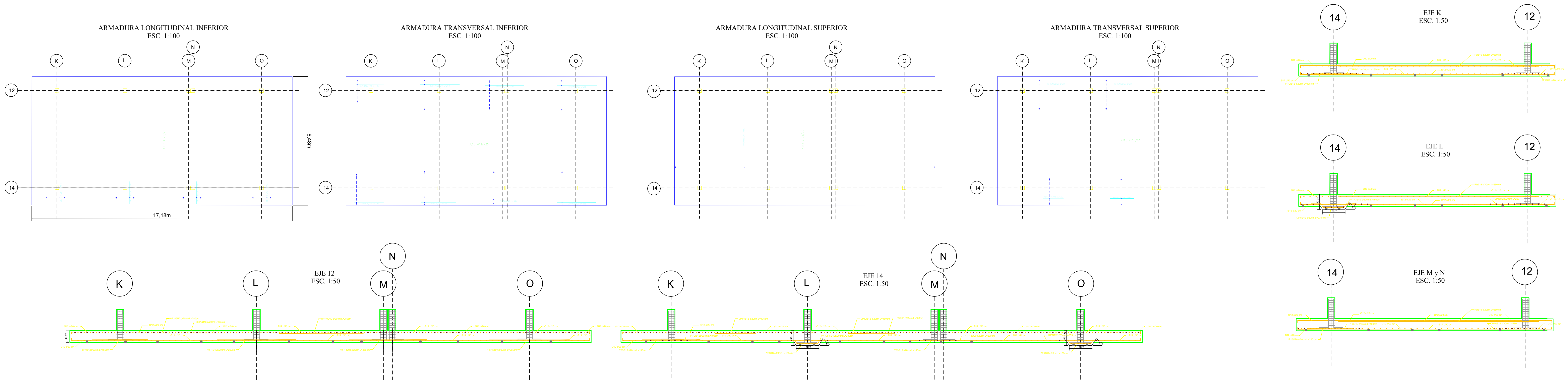


UNIVERSIDAD : JUAN MISAEL SARACHO	ENTIDAD : ALCALDIA MUNICIPAL DE LA PROVINCIA CERCADO	PROYECTO : DISEÑO ESTRUCTURAL DE LA NUEVA U.E. JORGE ARAOZ CAMPERO	UBICACION : CIUDAD DE TARIJA BARRIO LA LOMA	ASIGNATURA: CIV-502 PROYECTO DE INGENIERIA CIVIL II	LAMINA: 2/22
CARRERA : ING.CIVIL	DESCRIPCION : CORTES Y FACHADAS	ESCALA : INDICADAS	FECHA : TARIJA SEPTIEMBRE DE 2019	UNIVERSITARIO: FARFÁN FIGUEROA GONZALO	

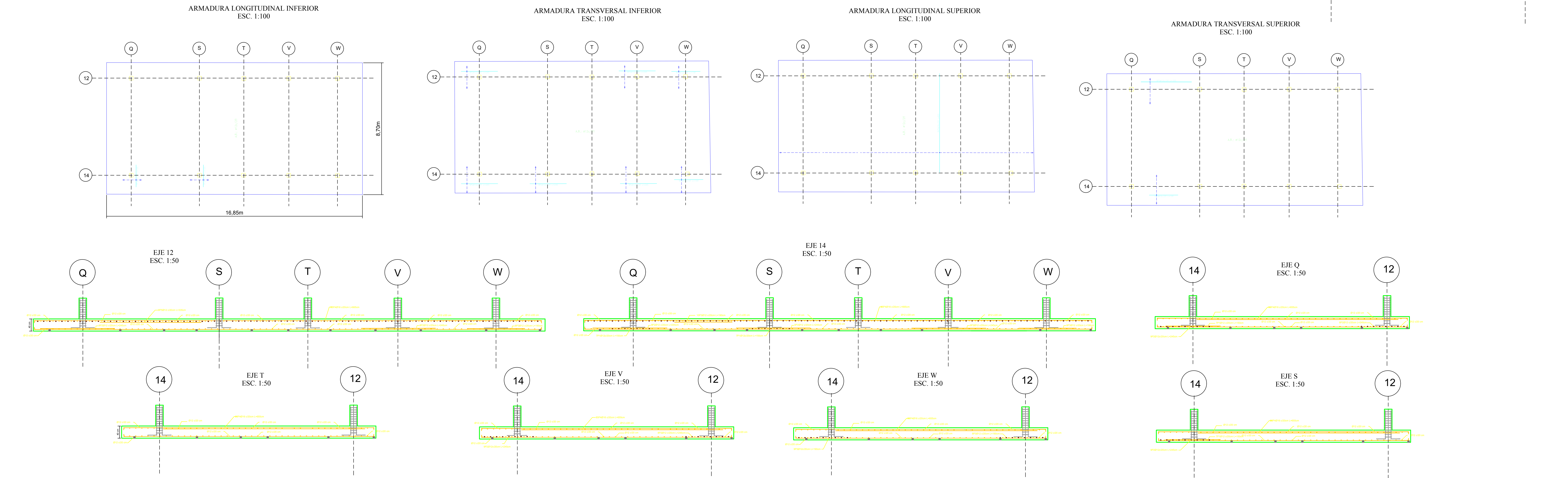


UNIVERSIDAD : JUAN MISAEL SARACHO	ENTIDAD : ALCALDIA MUNICIPAL DE LA PROVINCIA CERCADO	PROYECTO : DISEÑO ESTRUCTURAL DE LA NUEVA U.E. JORGE ARAOZ CAMPERO	UBICACION : CIUDAD DE TARIJA BARRIO LA LOMA	ASIGNATURA: CIV-502 PROYECTO DE INGENIERIA CIVIL II	LAMINA: 3/22
CARRERA : ING.CIVIL	DESCRIPCION : REPLANTEO DE LA CIMENTACIÓN	ESCALA : 1:100	FECHA : TARIJA SEPTIEMBRE DE 2019	UNIVERSITARIO: FARFÁN FIGUEROA GONZALO	

LOSA DE FUNDACIÓN 1



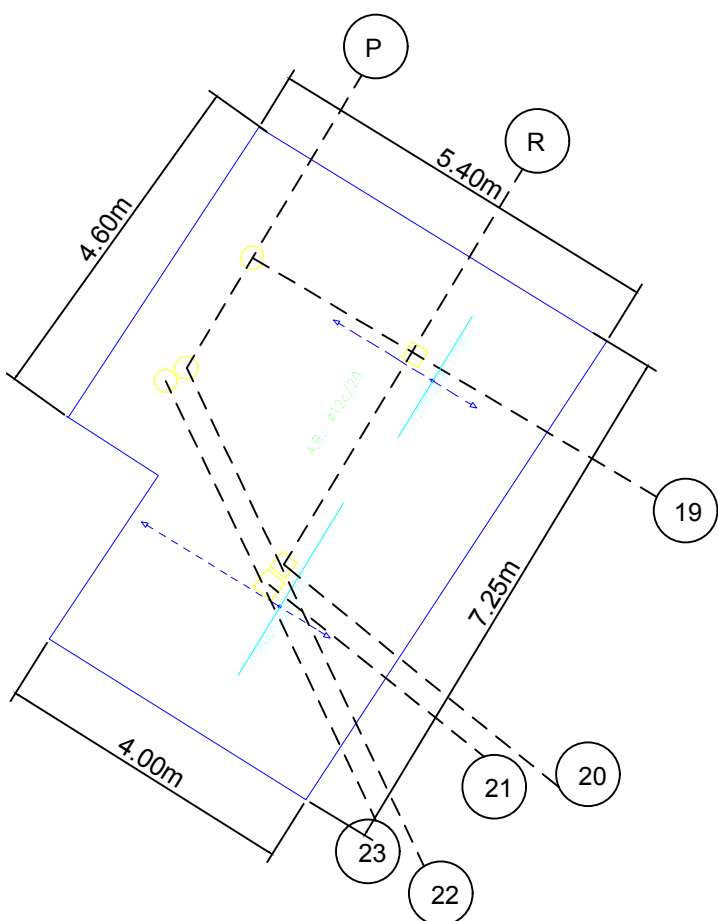
LOSA DE FUNDACIÓN 2



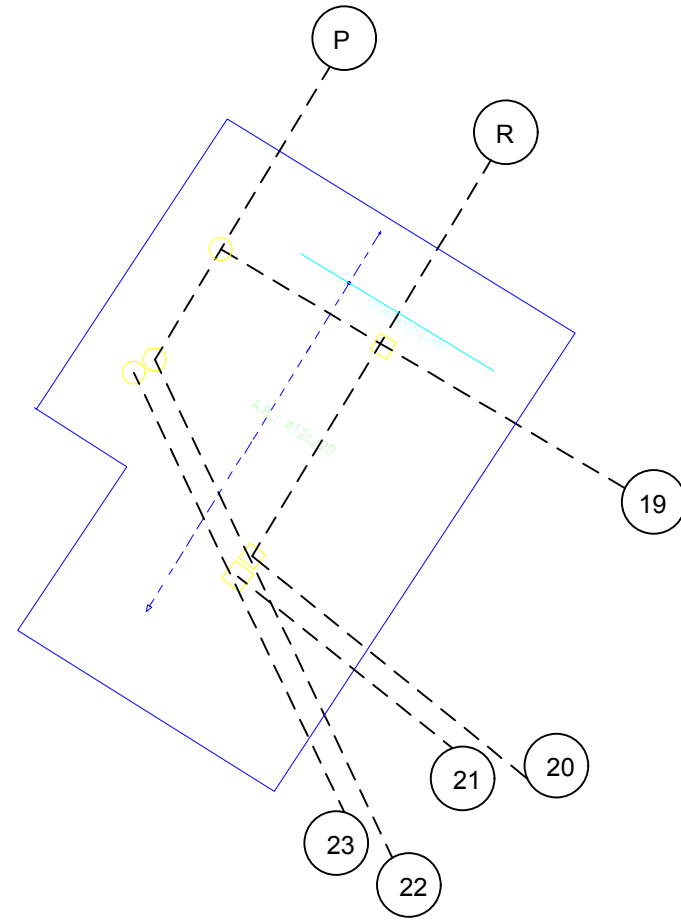
UNIVERSIDAD : JUAN MISAEL SARACHO	ENTIDAD : ALCALDIA MUNICIPAL DE LA PROVINCIA CERCADO	PROYECTO : DISEÑO ESTRUCTURAL DE LA NUEVA U.E. JORGE ARAOZ CAMPERO	UBICACION : CIUDAD DE TARIJA BARRIO LA LOMA	ASIGNATURA: CIV-502 PROYECTO DE INGENIERIA CIVIL II	LAMINA: 4/22
CARRERA : ING.CIVIL	DESCRIPCION : DESPIECE DE LOSAS DE FUNDACIÓN	ESCALA : INDICADAS	FECHA : TARIJA SEPTIEMBRE DE 2019	UNIVERSITARIO: FARFÁN FIGUEROA GONZALO	

LOSA DE FUNDACIÓN 3

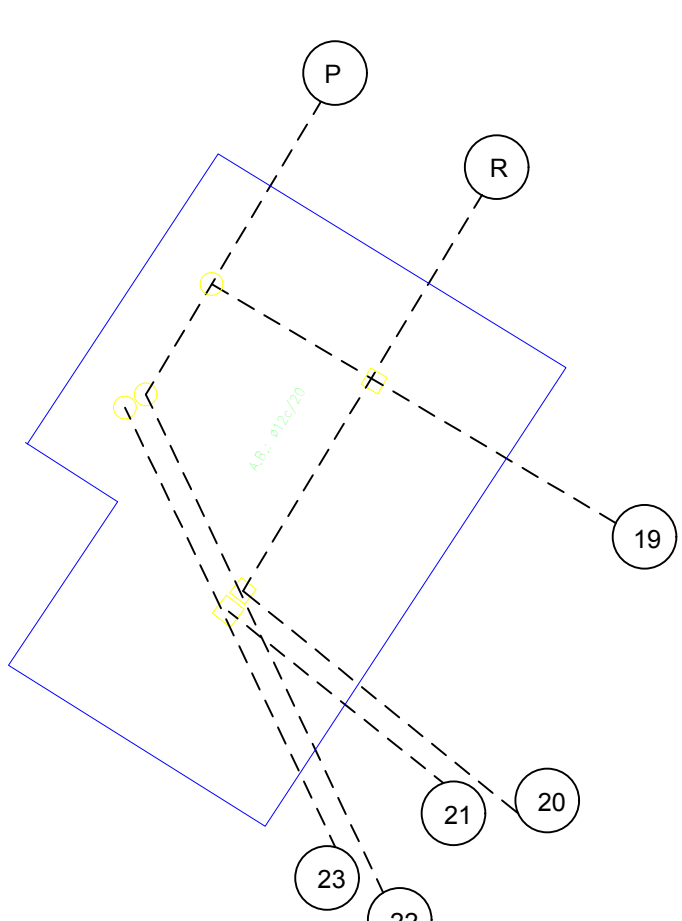
ARMADURA LONGITUDINAL INFERIOR
ESC. 1:100



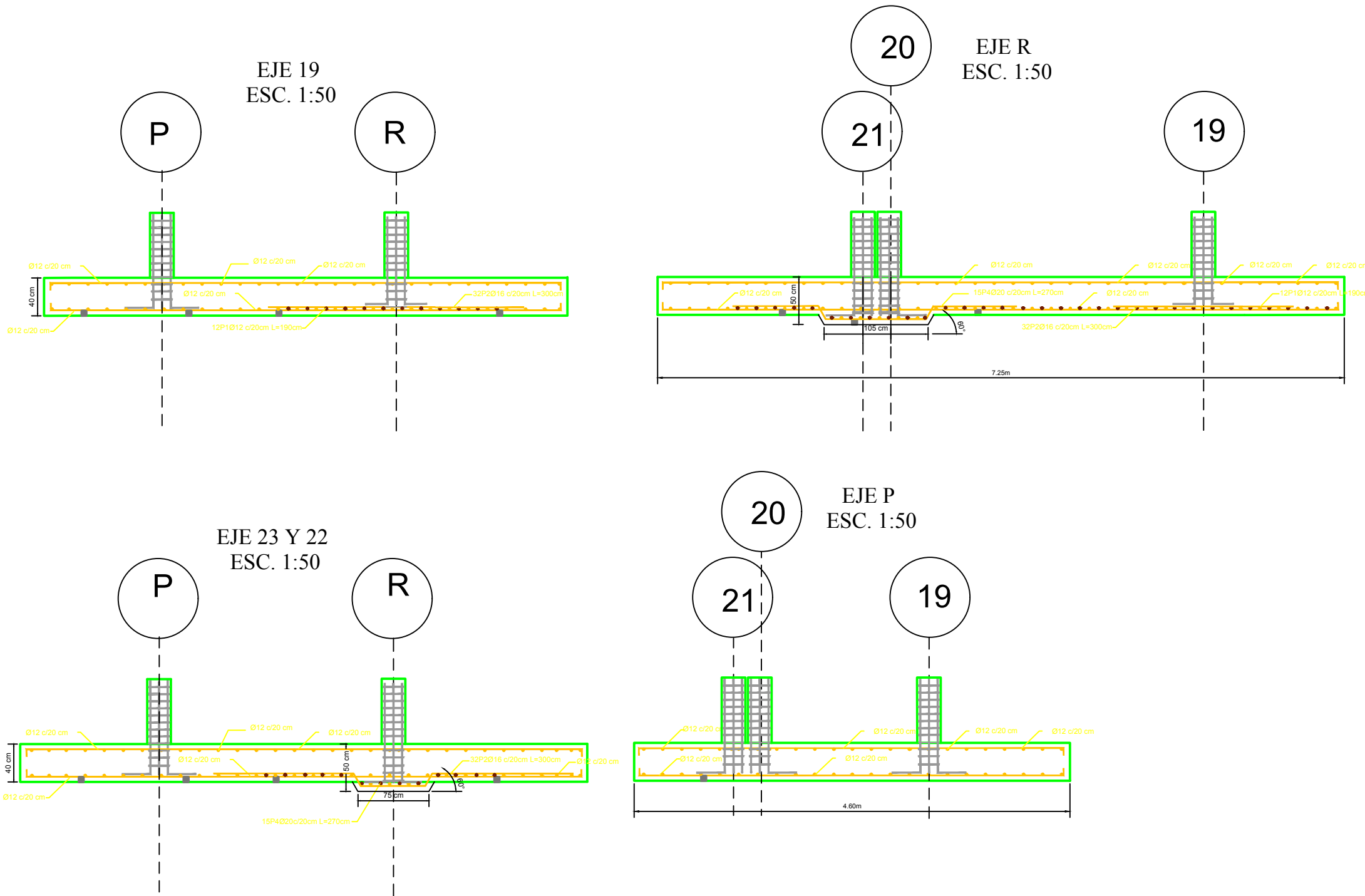
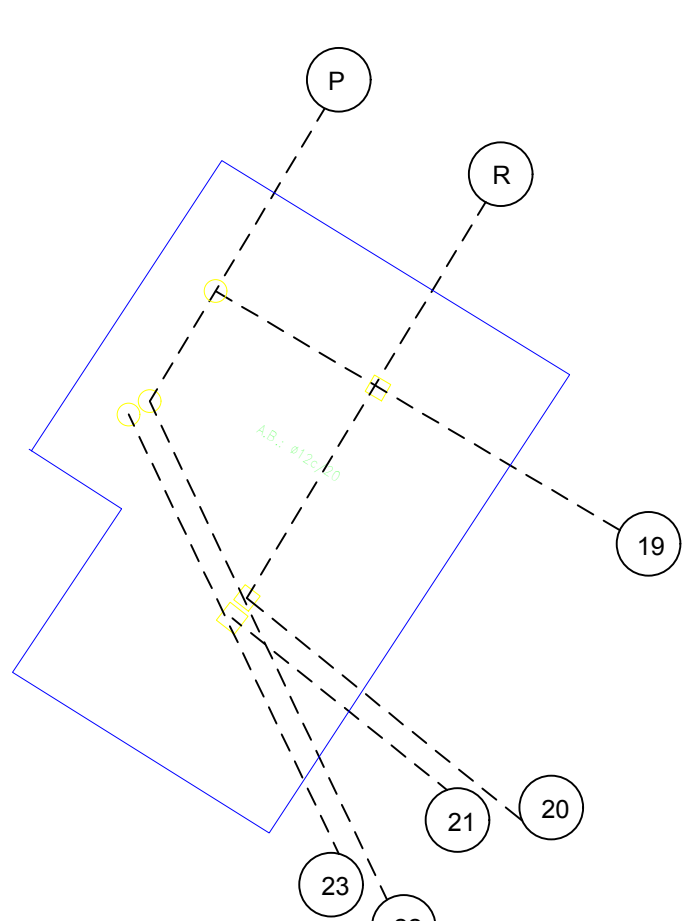
ARMADURA TRANSVERSAL INFERIOR
ESC. 1:100



ARMADURA LONGITUDINAL SUPERIOR
ESC. 1:100

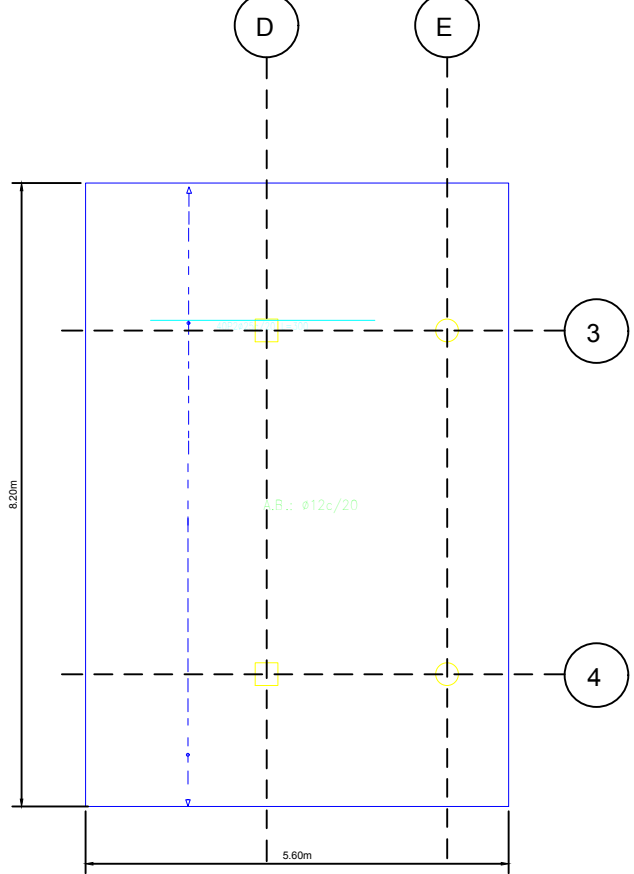


ARMADURA TRANSVERSAL SUPERIOR
ESC. 1:100

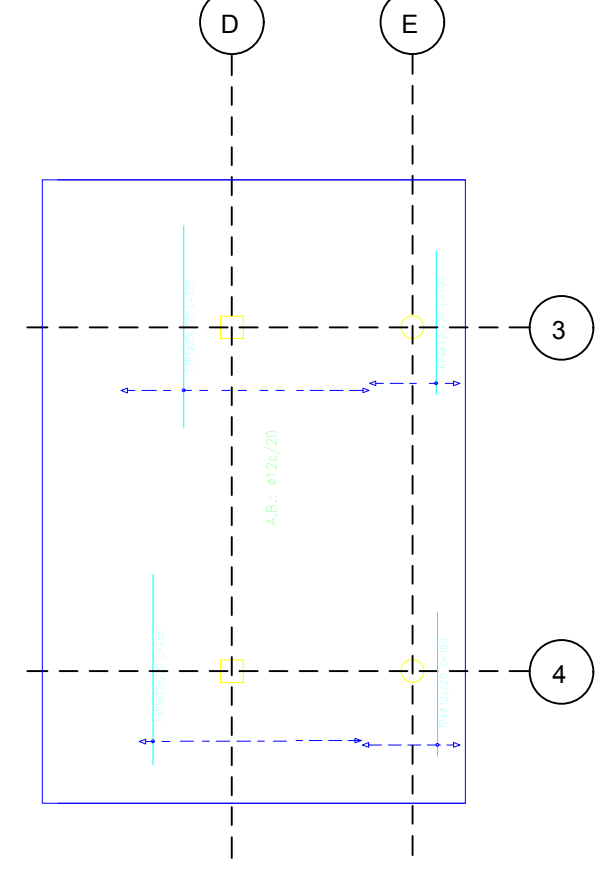


LOSA DE FUNDACIÓN 4

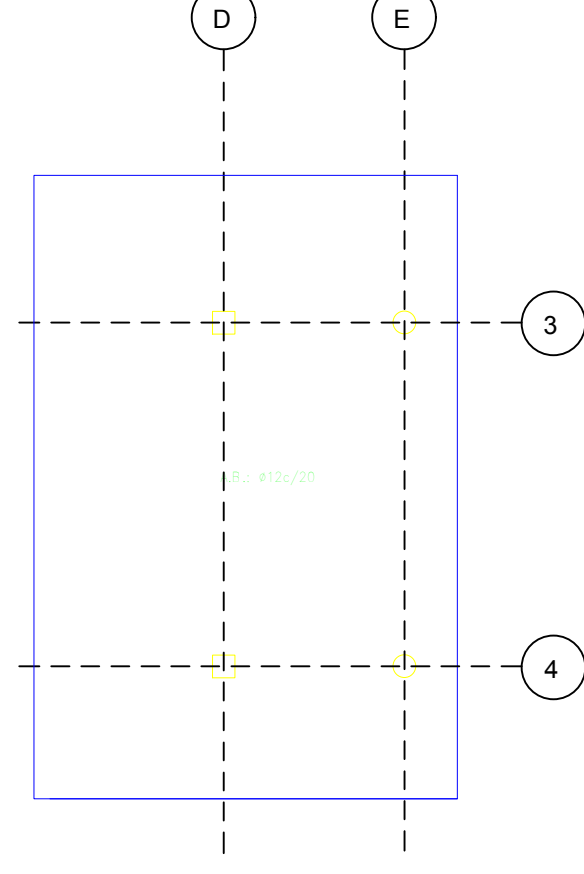
ARMADURA LONGITUDINAL INFERIOR
ESC. 1:100



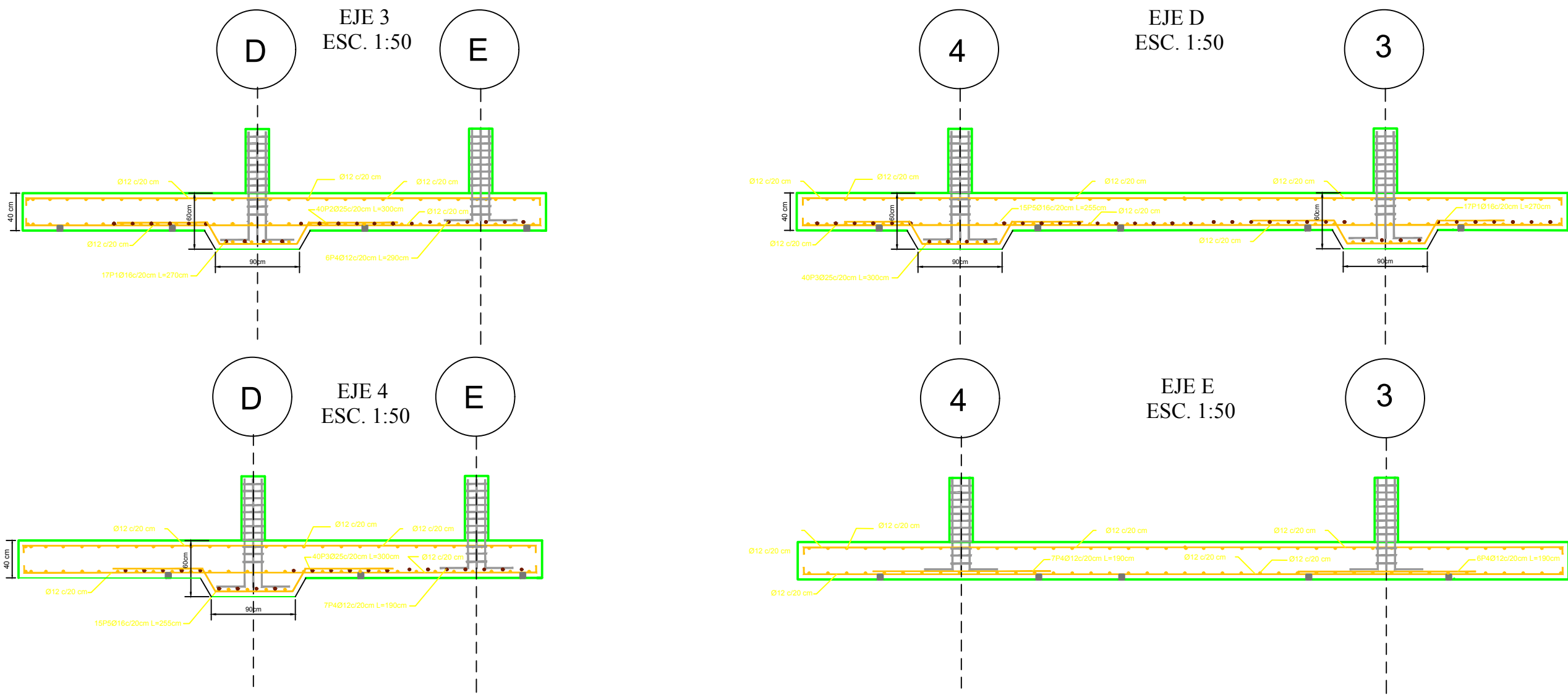
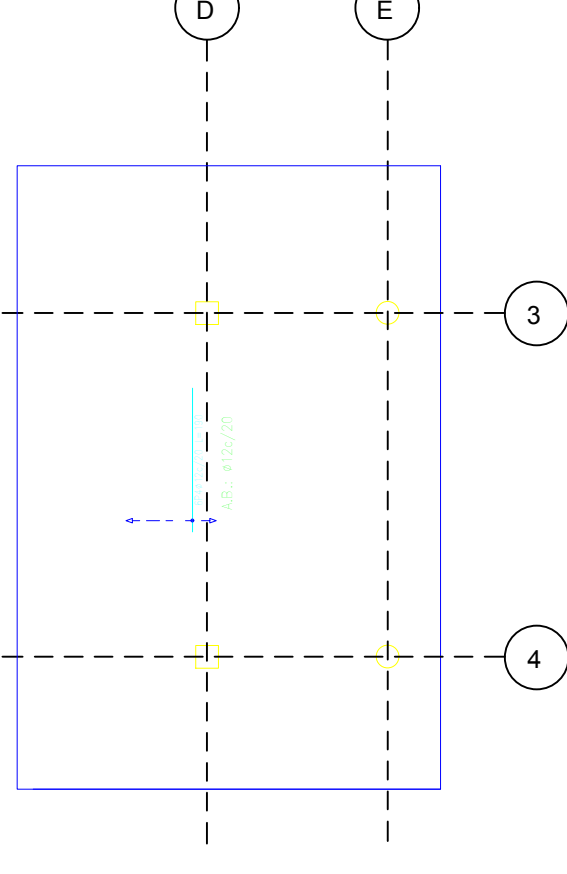
ARMADURA TRANSVERSAL INFERIOR
ESC. 1:100



ARMADURA LONGITUDINAL SUPERIOR
ESC. 1:100

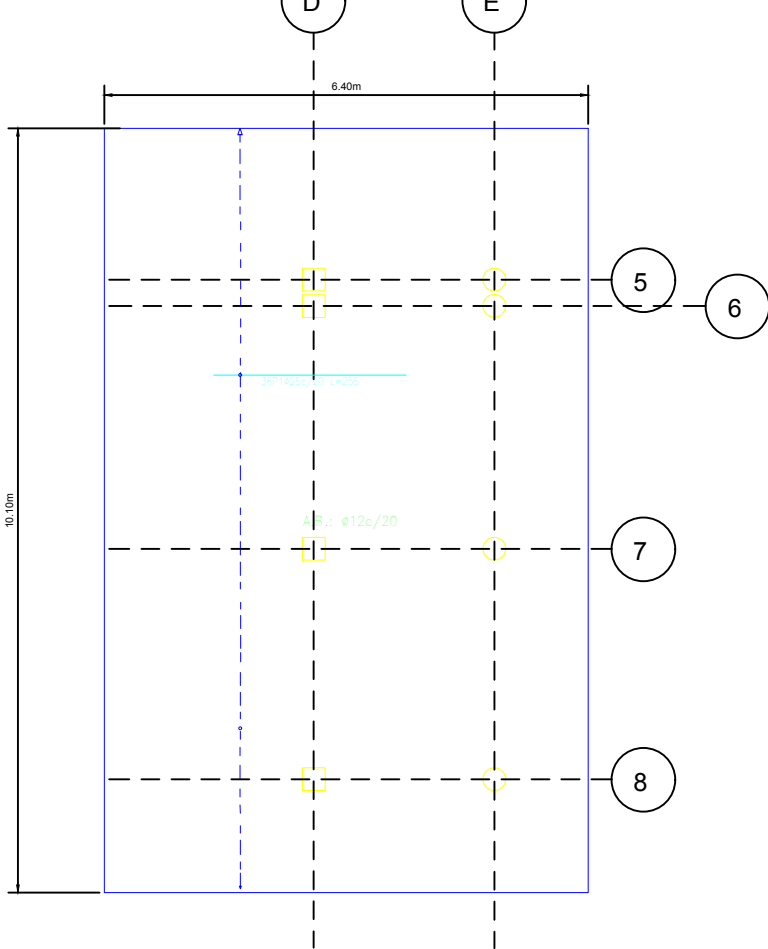


ARMADURA TRANSVERSAL SUPERIOR
ESC. 1:100

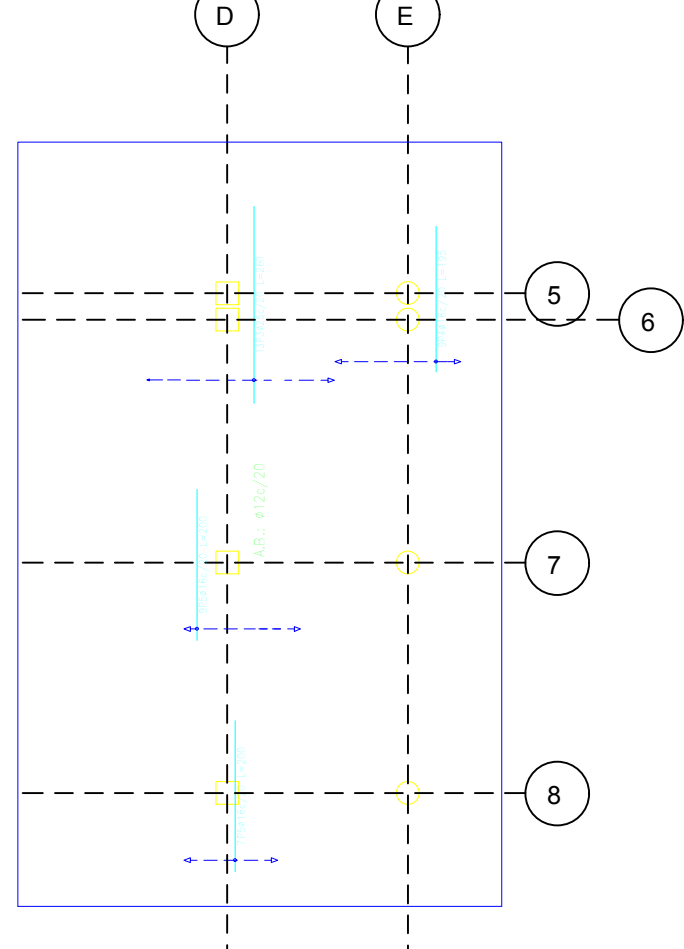


LOSA DE FUNDACIÓN 5

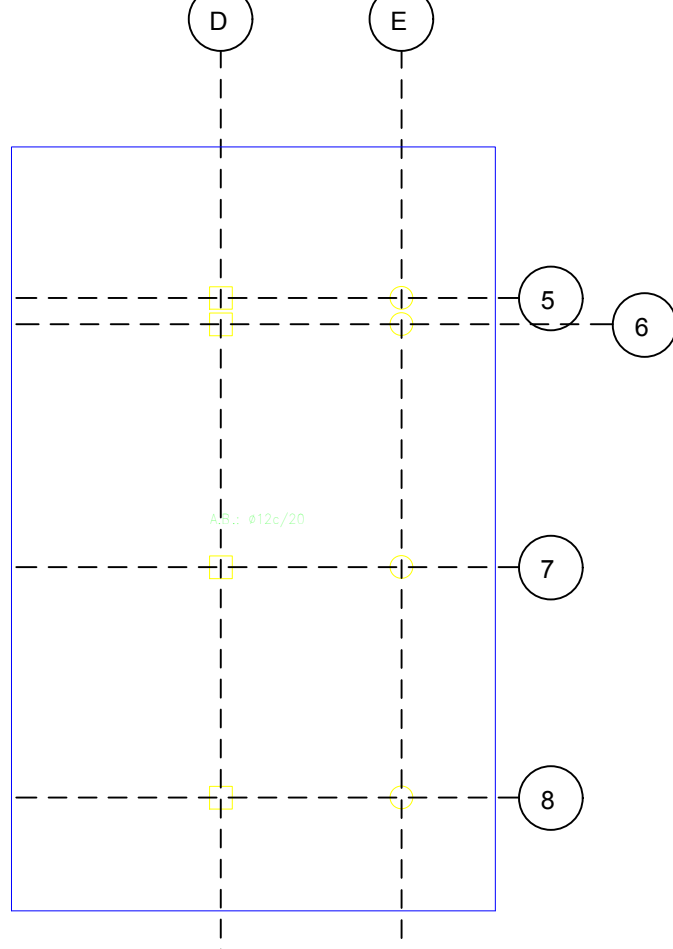
ARMADURA LONGITUDINAL INFERIOR
ESC. 1:100



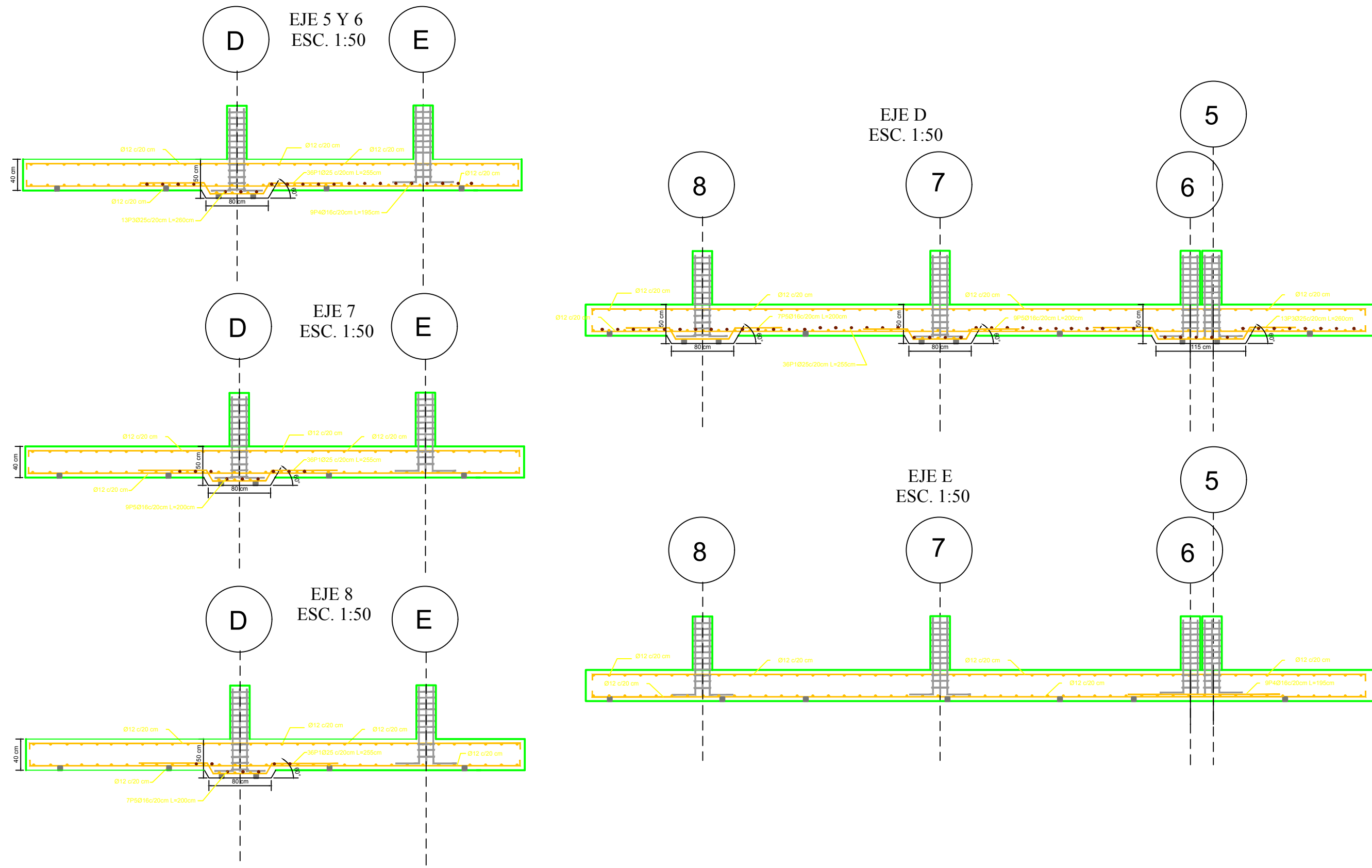
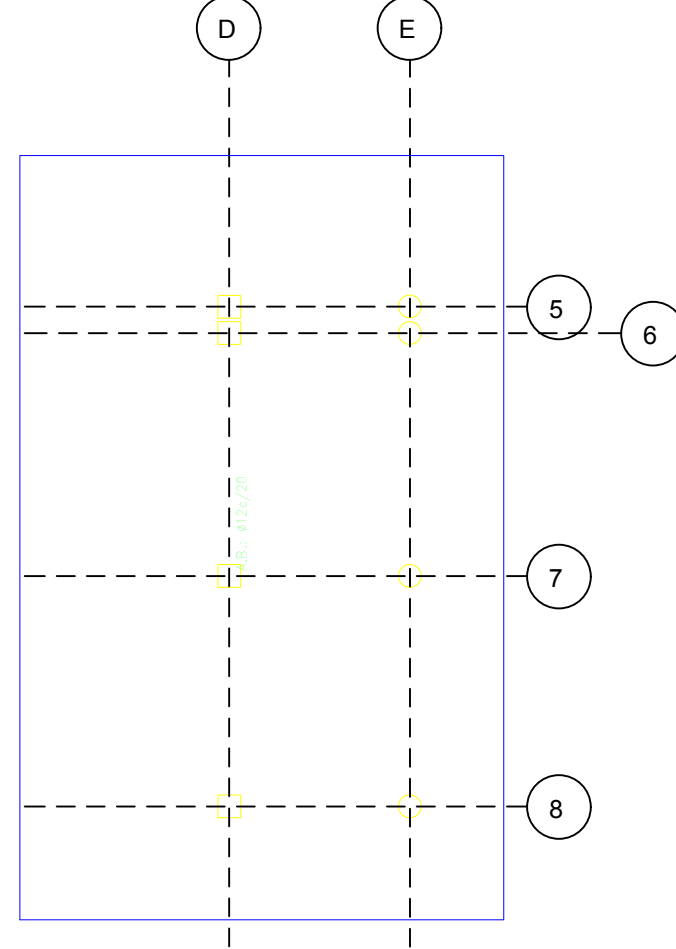
ARMADURA TRANSVERSAL INFERIOR
ESC. 1:100



ARMADURA LONGITUDINAL SUPERIOR
ESC. 1:100



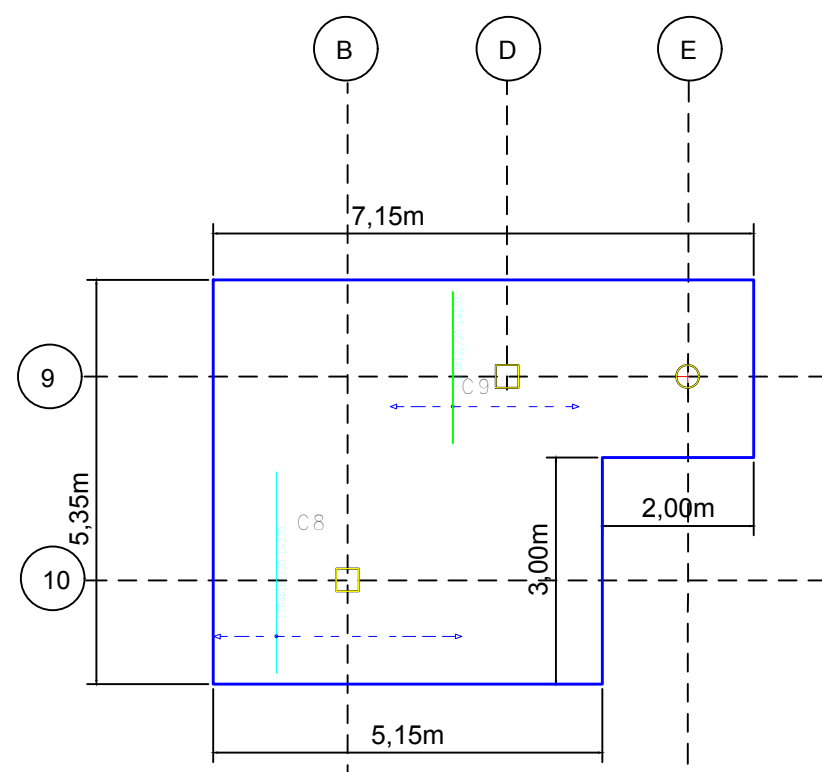
ARMADURA TRANSVERSAL SUPERIOR
ESC. 1:100



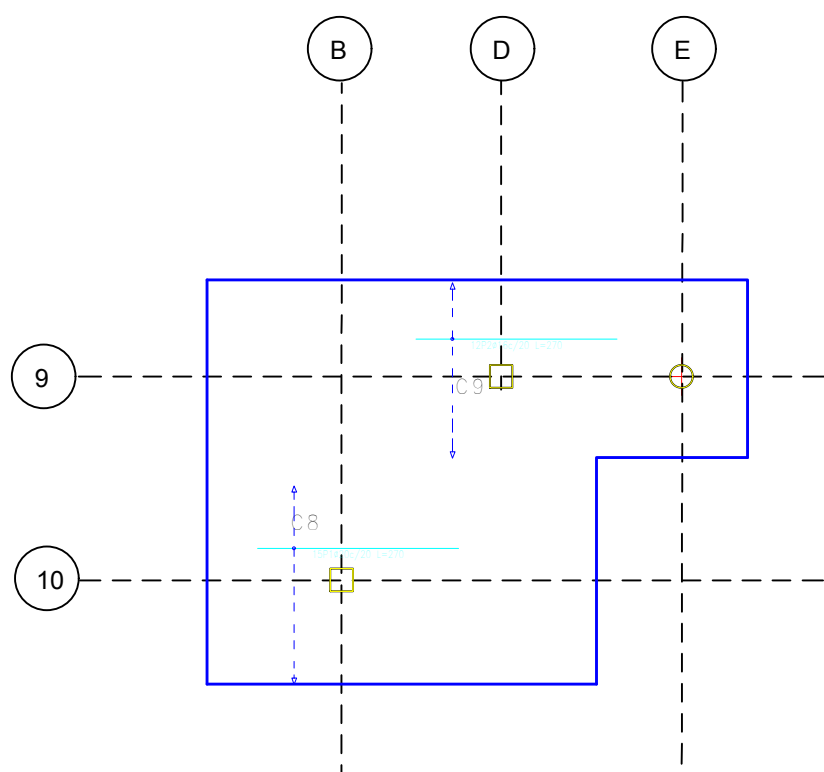
UNIVERSIDAD : JUAN MISAEL SARACHO	ENTIDAD : ALCALDIA MUNICIPAL DE LA PROVINCIA CERCADO	PROYECTO : DISEÑO ESTRUCTURAL DE LA NUEVA U.E. JORGE ARAOZ CAMPERO	UBICACION : CIUDAD DE TARIJA BARRIO LA LOMA	ASIGNATURA: CIV-502 PROYECTO DE INGENIERIA CIVIL II	LAMINA: 5/22
CARRERA : ING.CIVIL	DESCRIPCION : DESPIECE DE LOSAS DE FUNDACIÓN	ESCALA : INDICADAS	FECHA : TARIJA SEPTIEMBRE DE 2019	UNIVERSITARIO: FARFÁN FIGUEROA GONZALO	

LOSA DE FUNDACIÓN 6

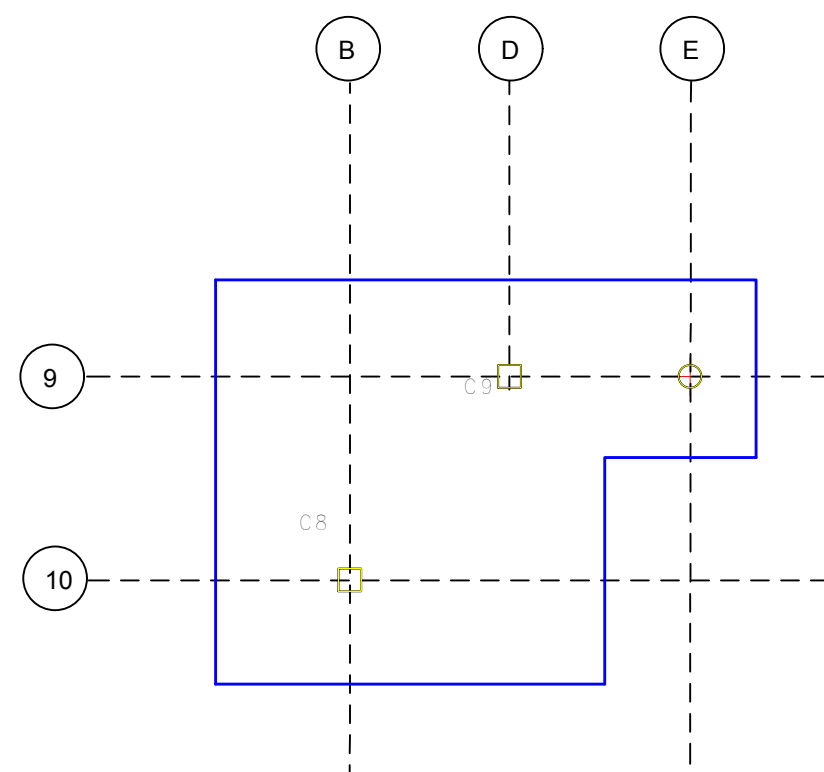
ARMADURA LONGITUDINAL INFERIOR
ESC. 1:100



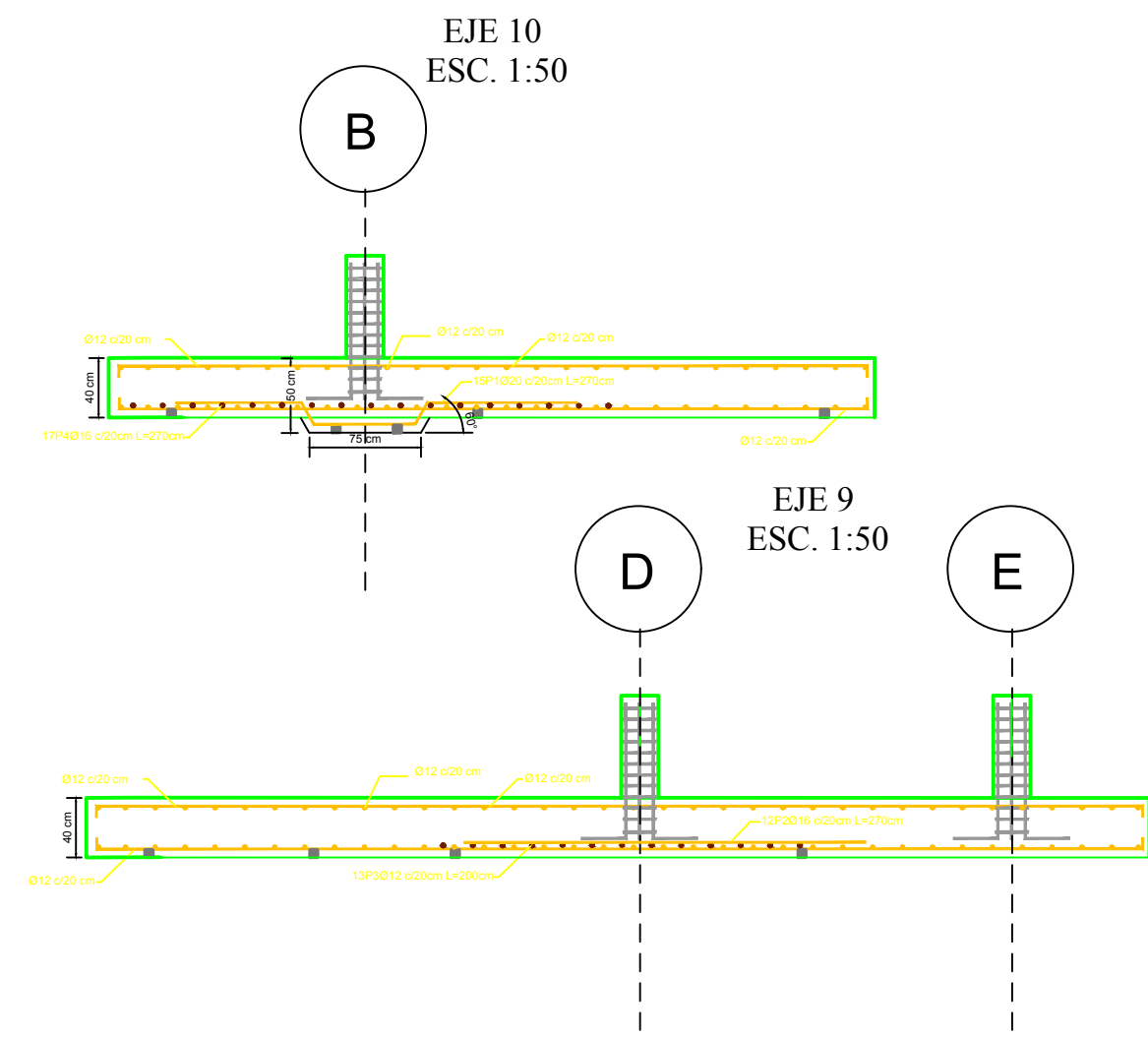
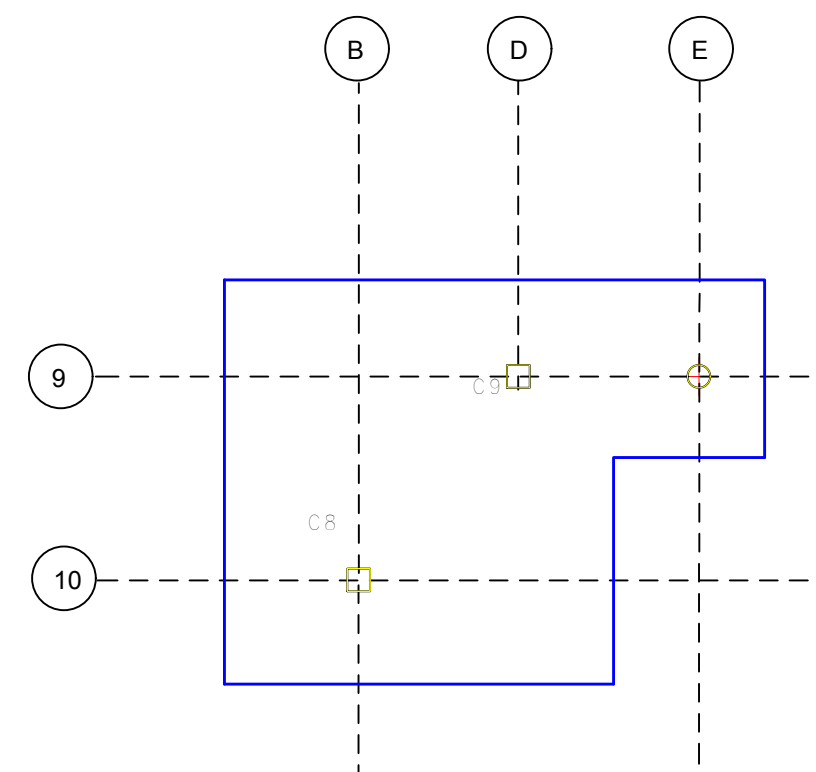
ARMADURA TRANSVERSAL INFERIOR
ESC. 1:100



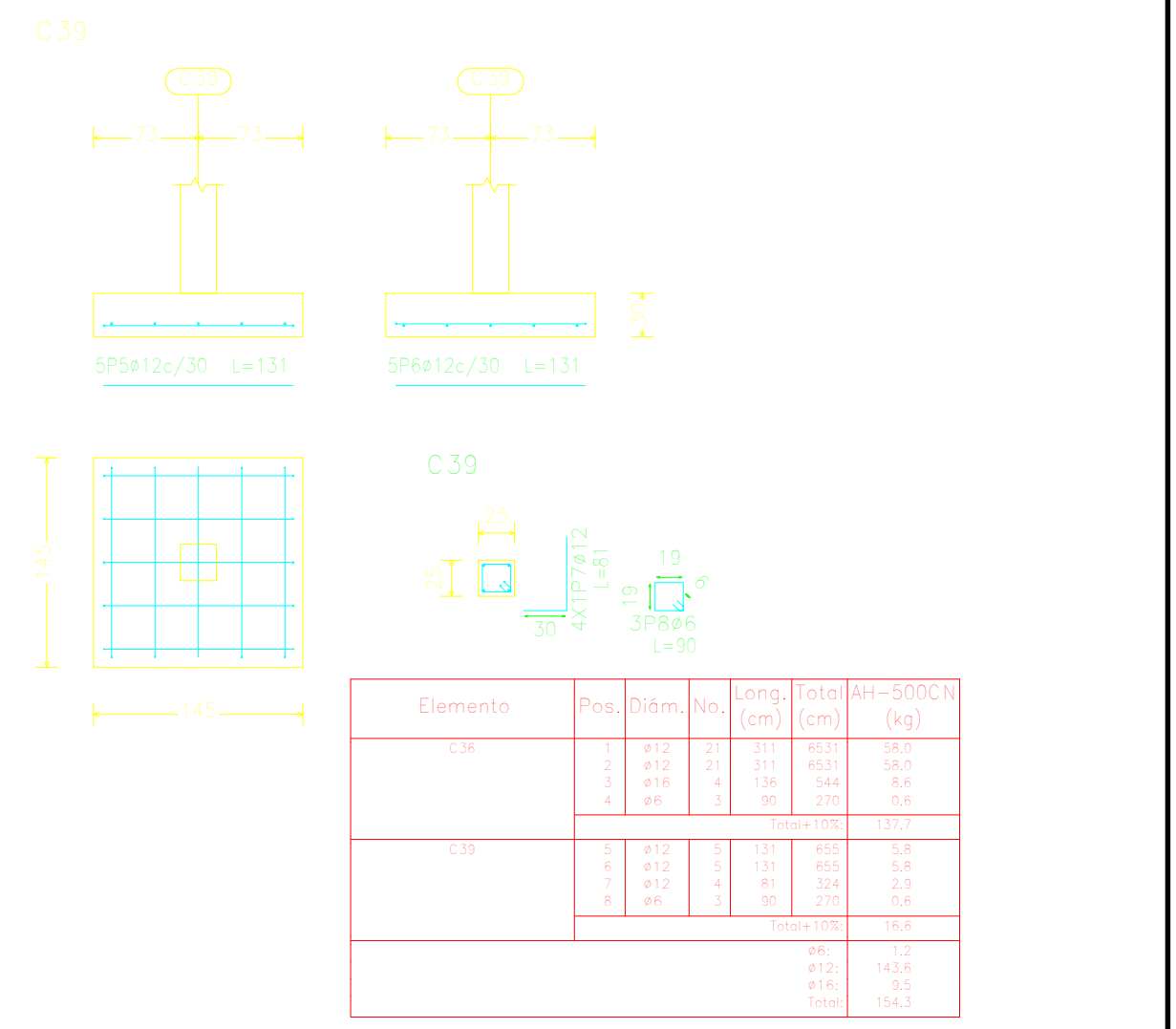
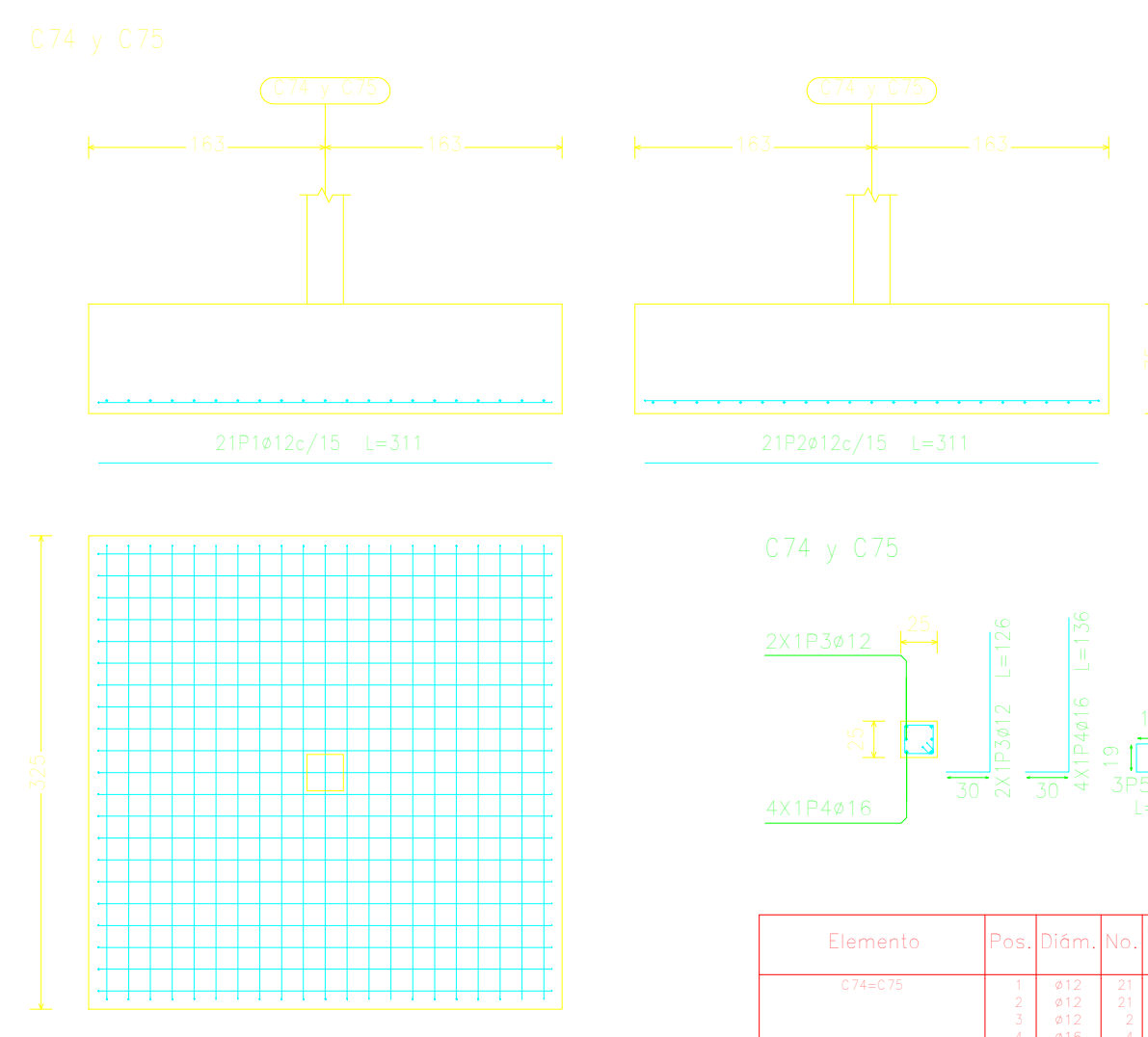
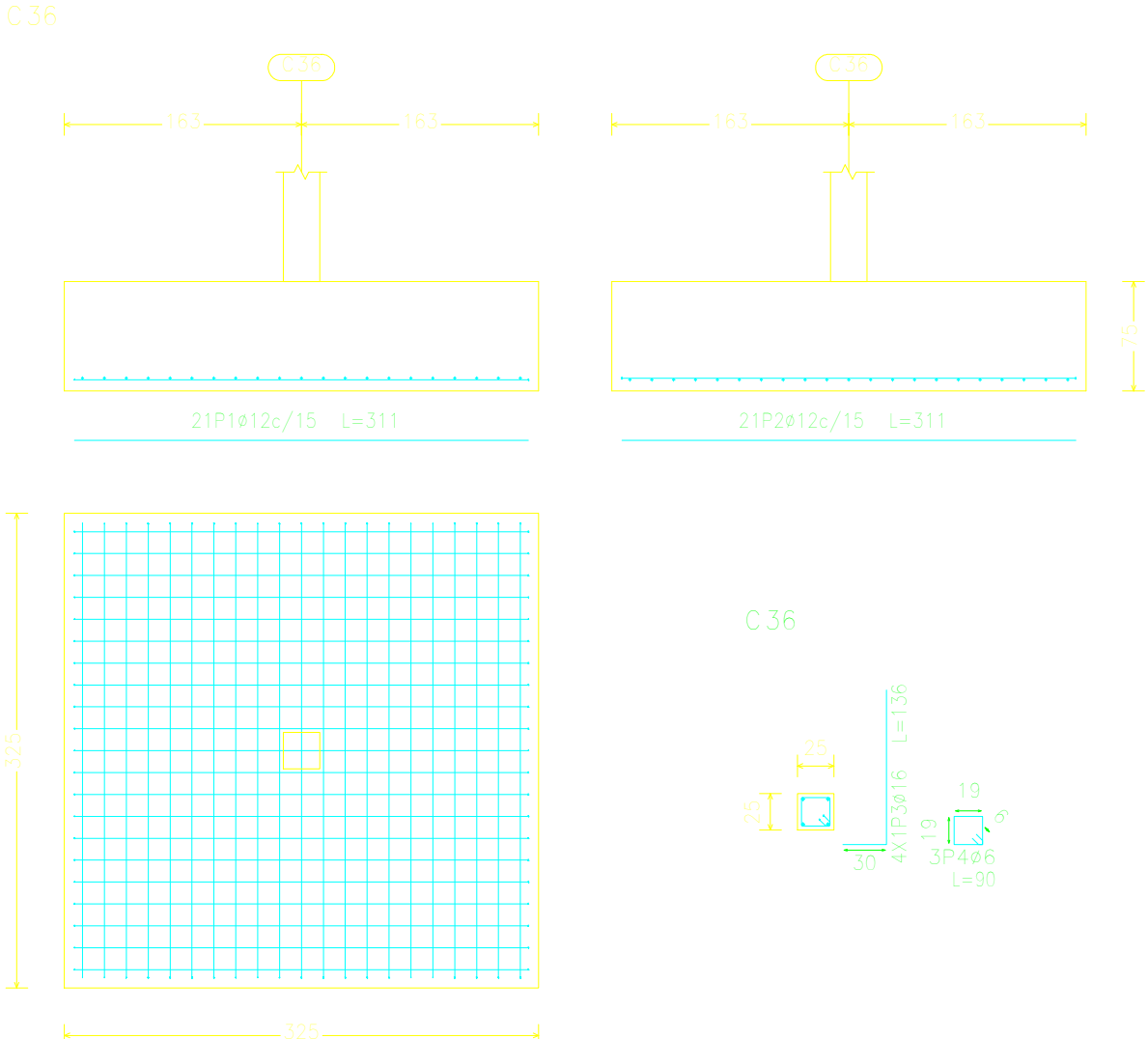
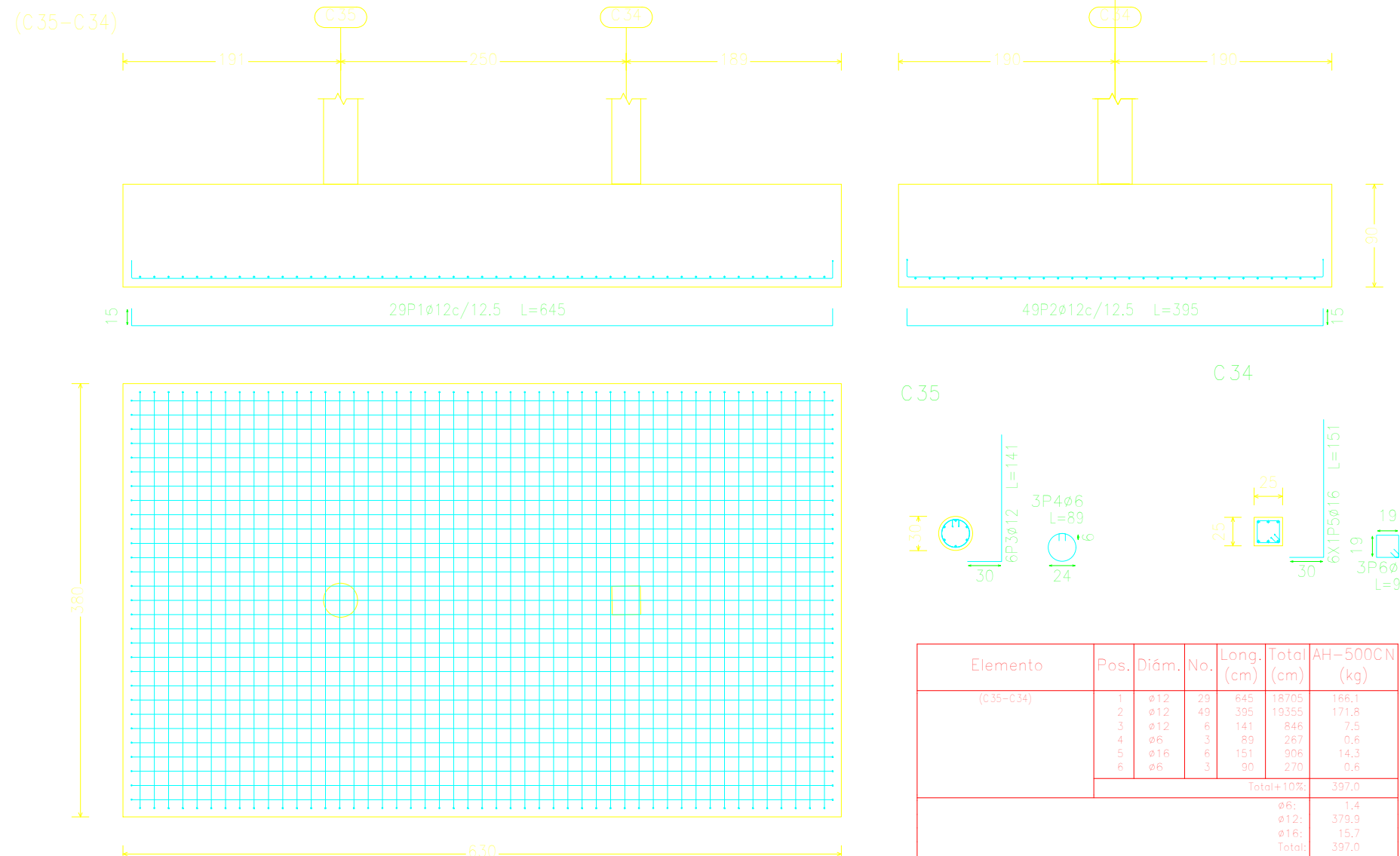
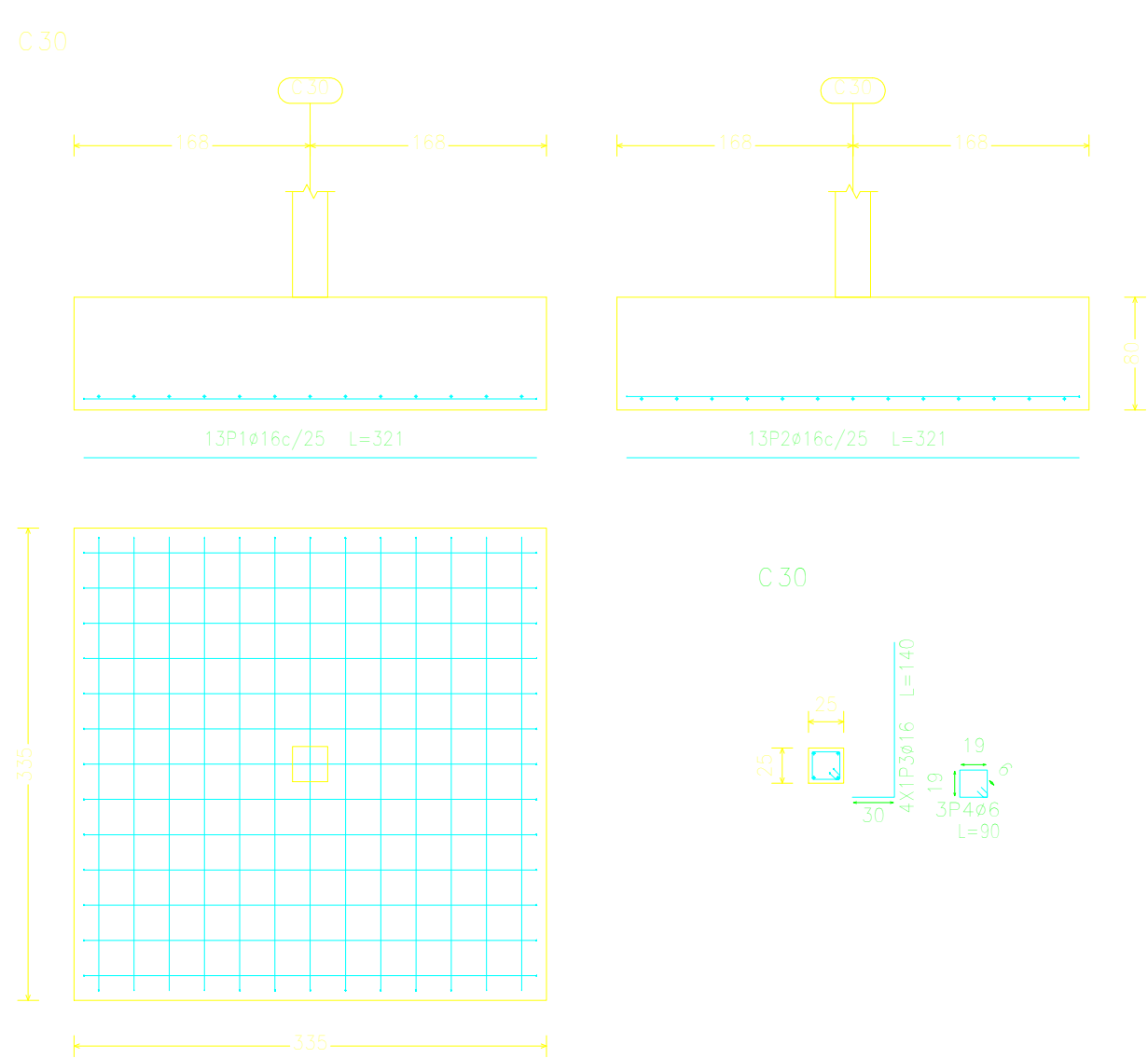
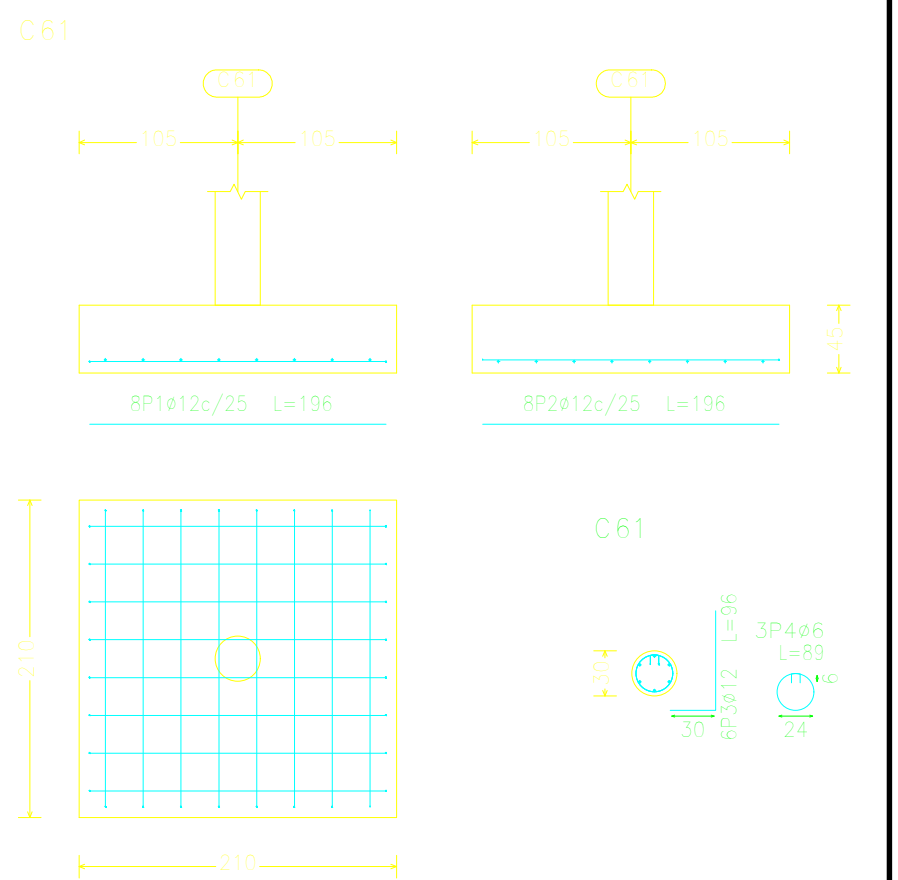
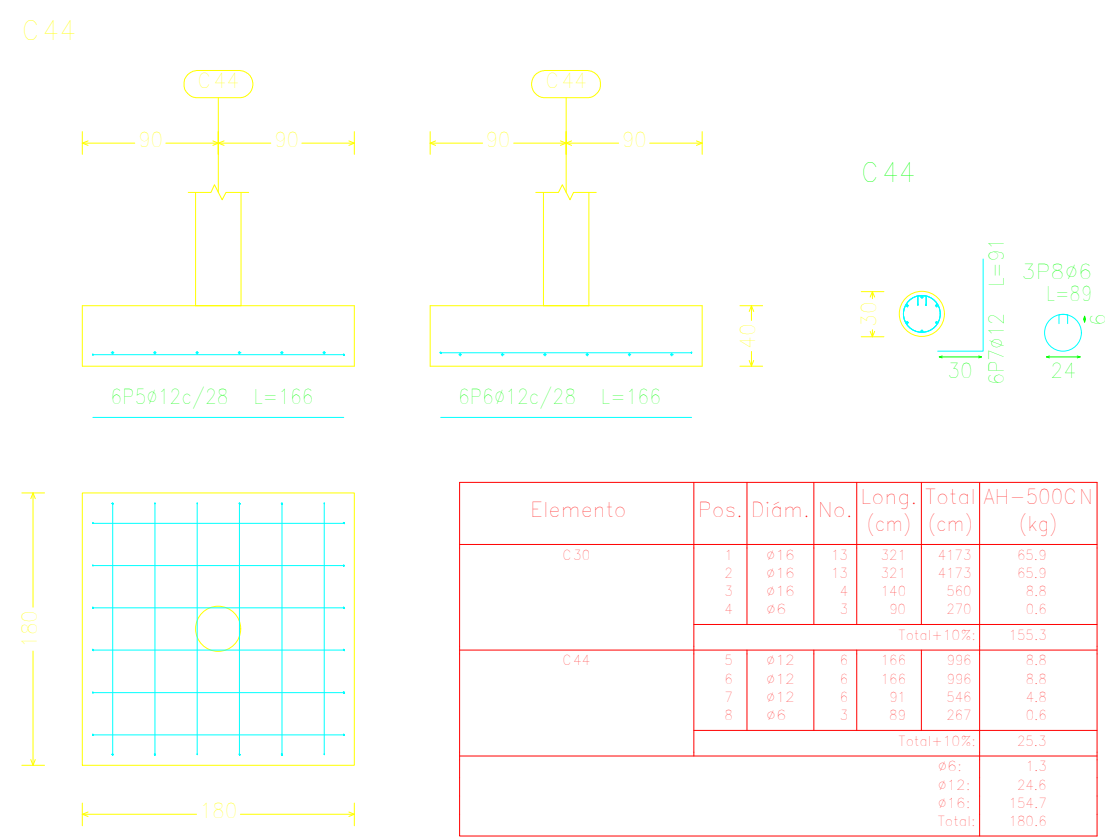
ARMADURA LONGITUDINAL SUPERIOR
ESC. 1:100



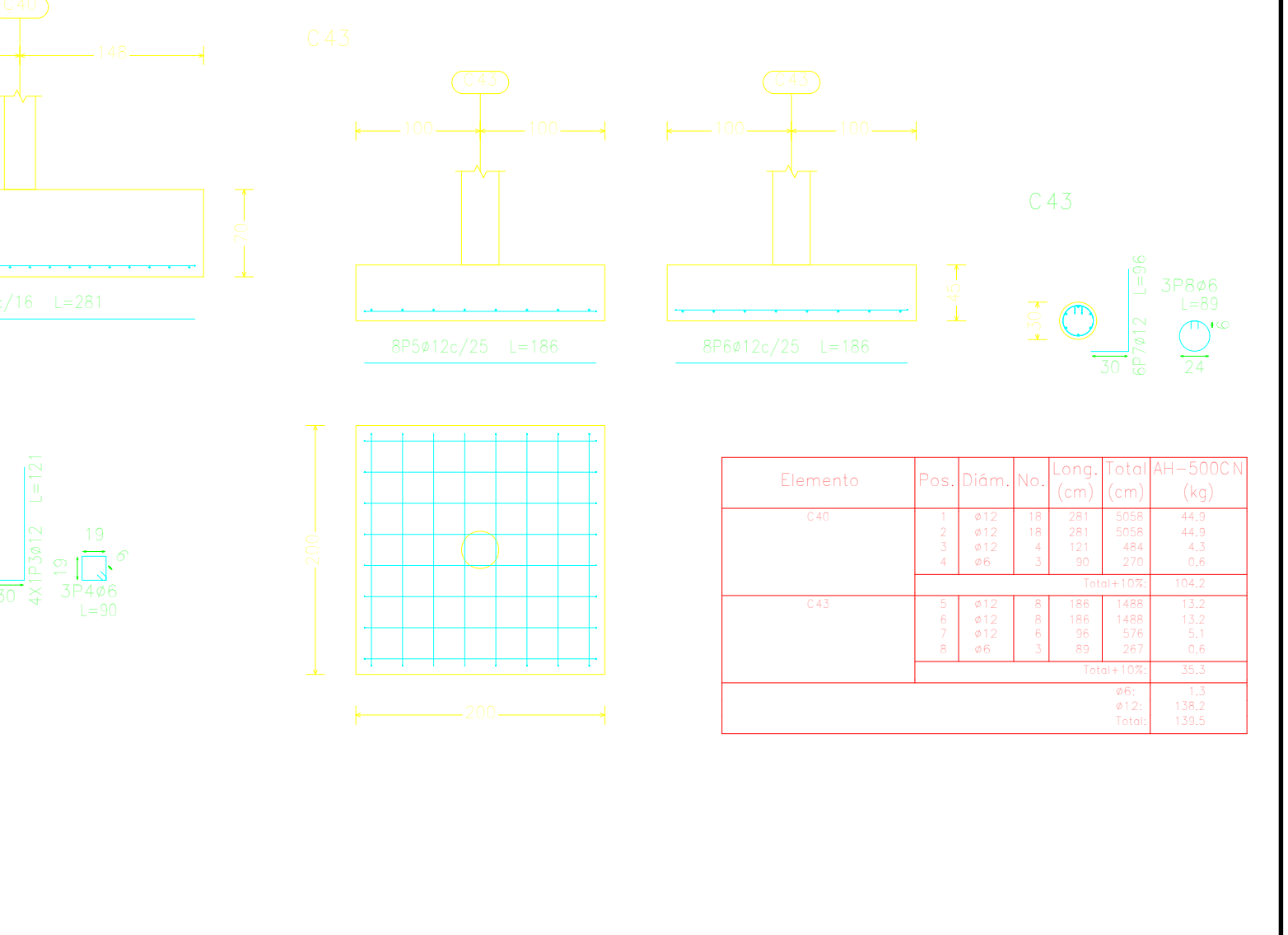
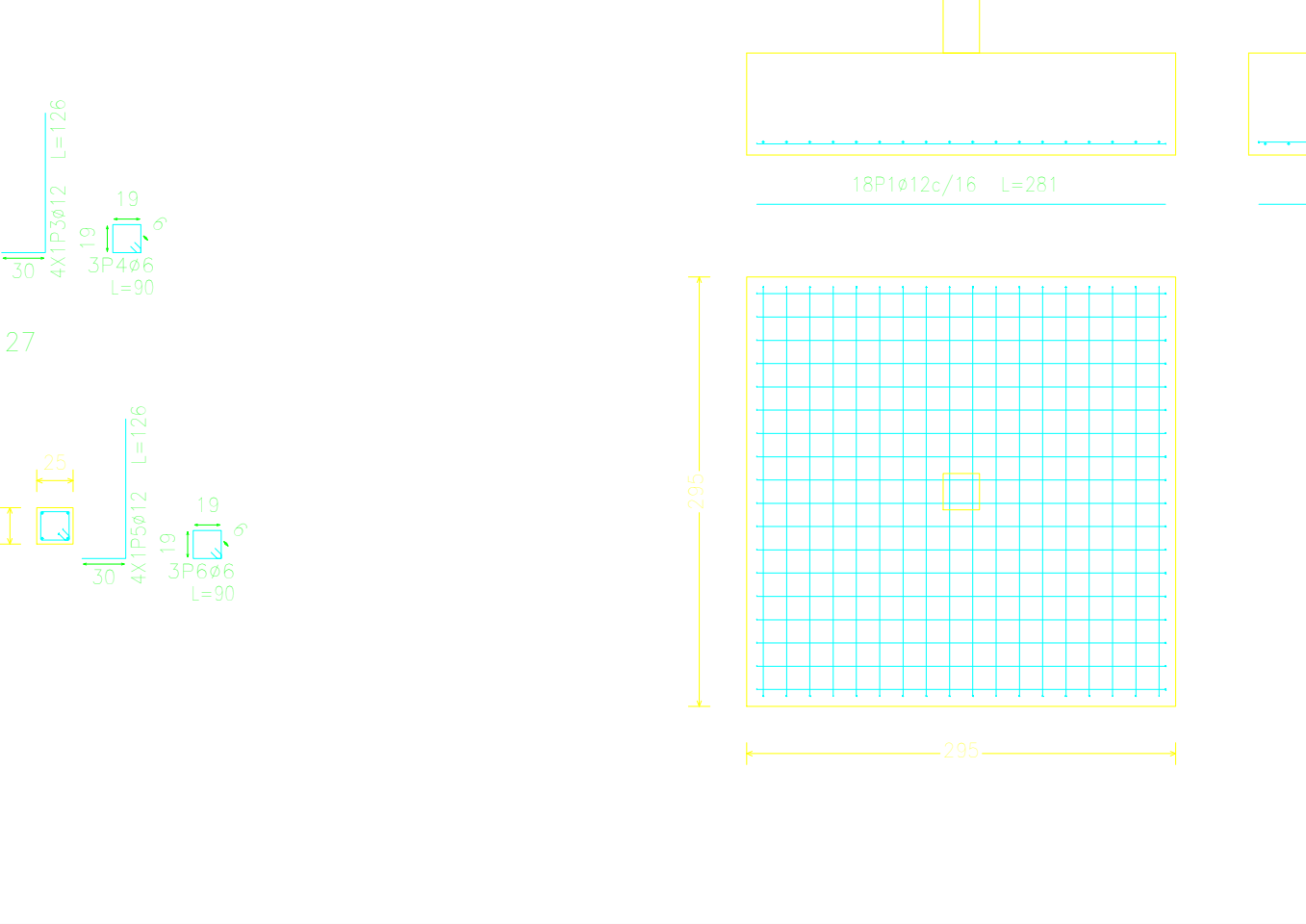
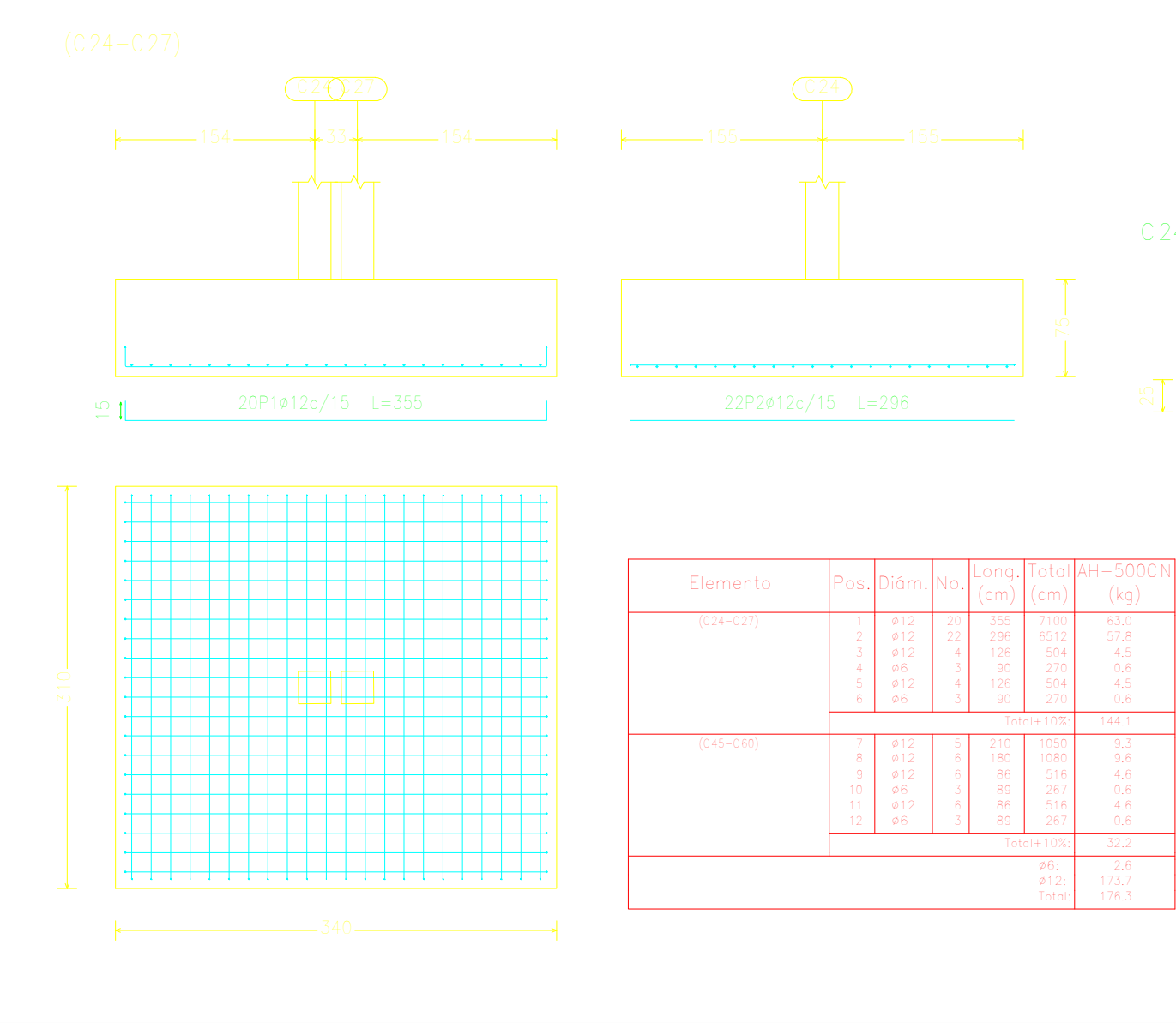
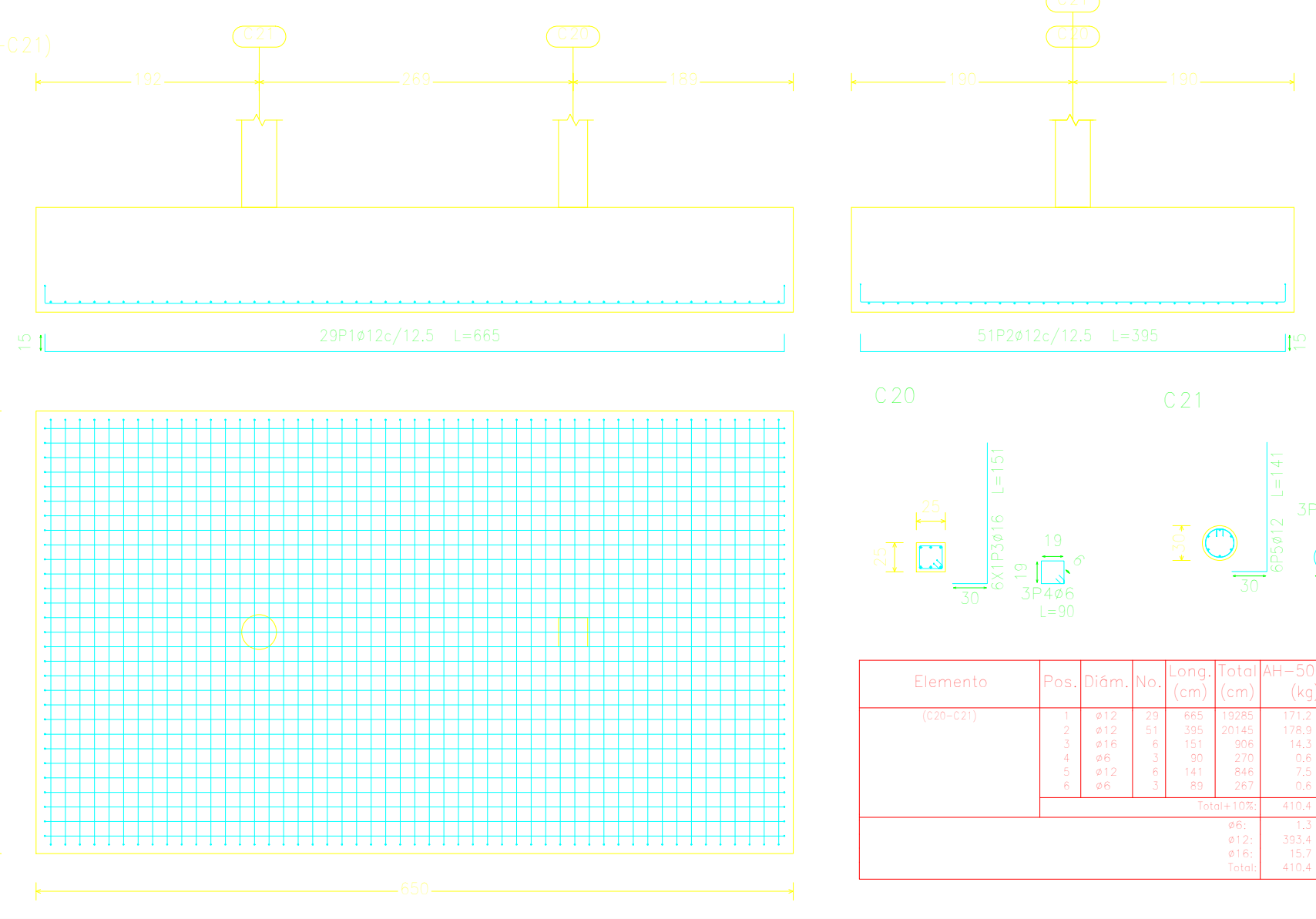
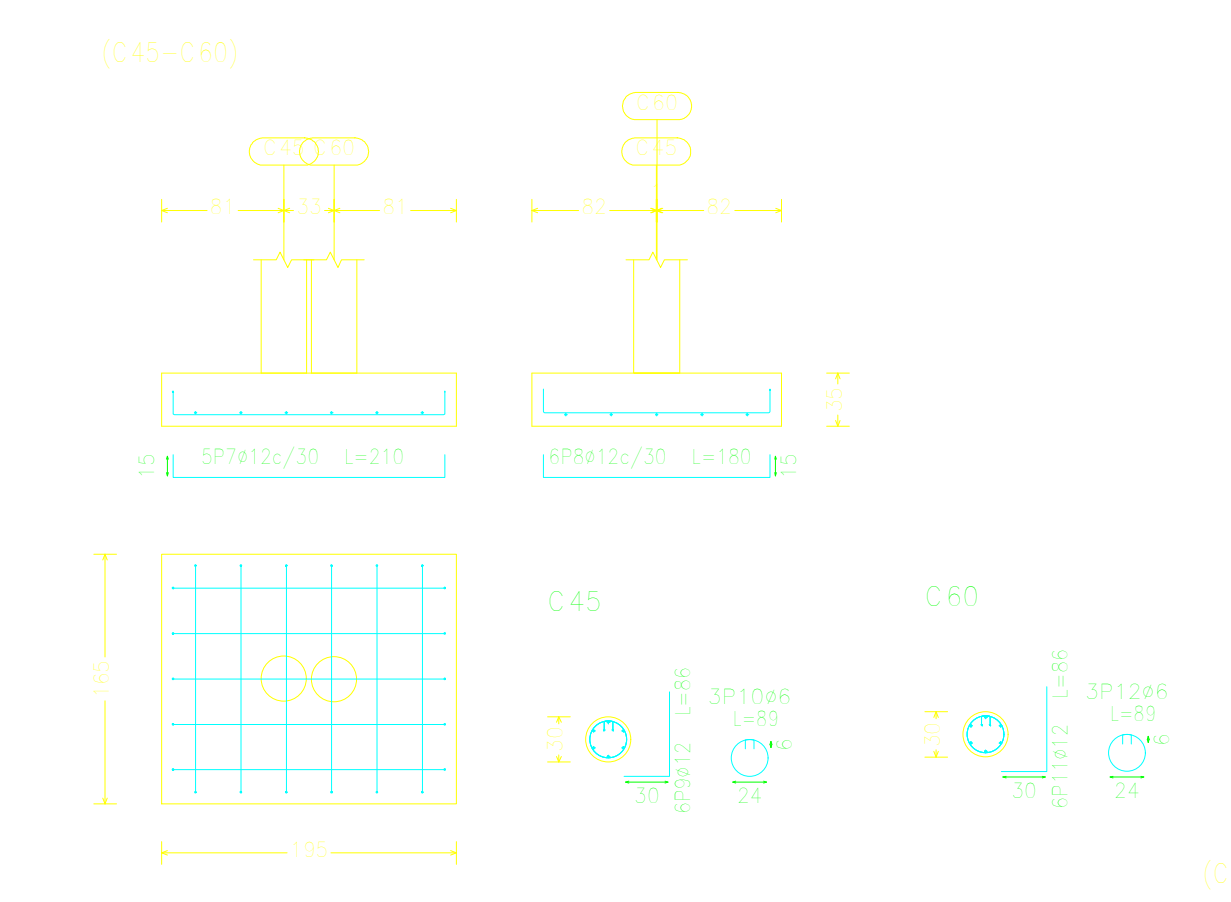
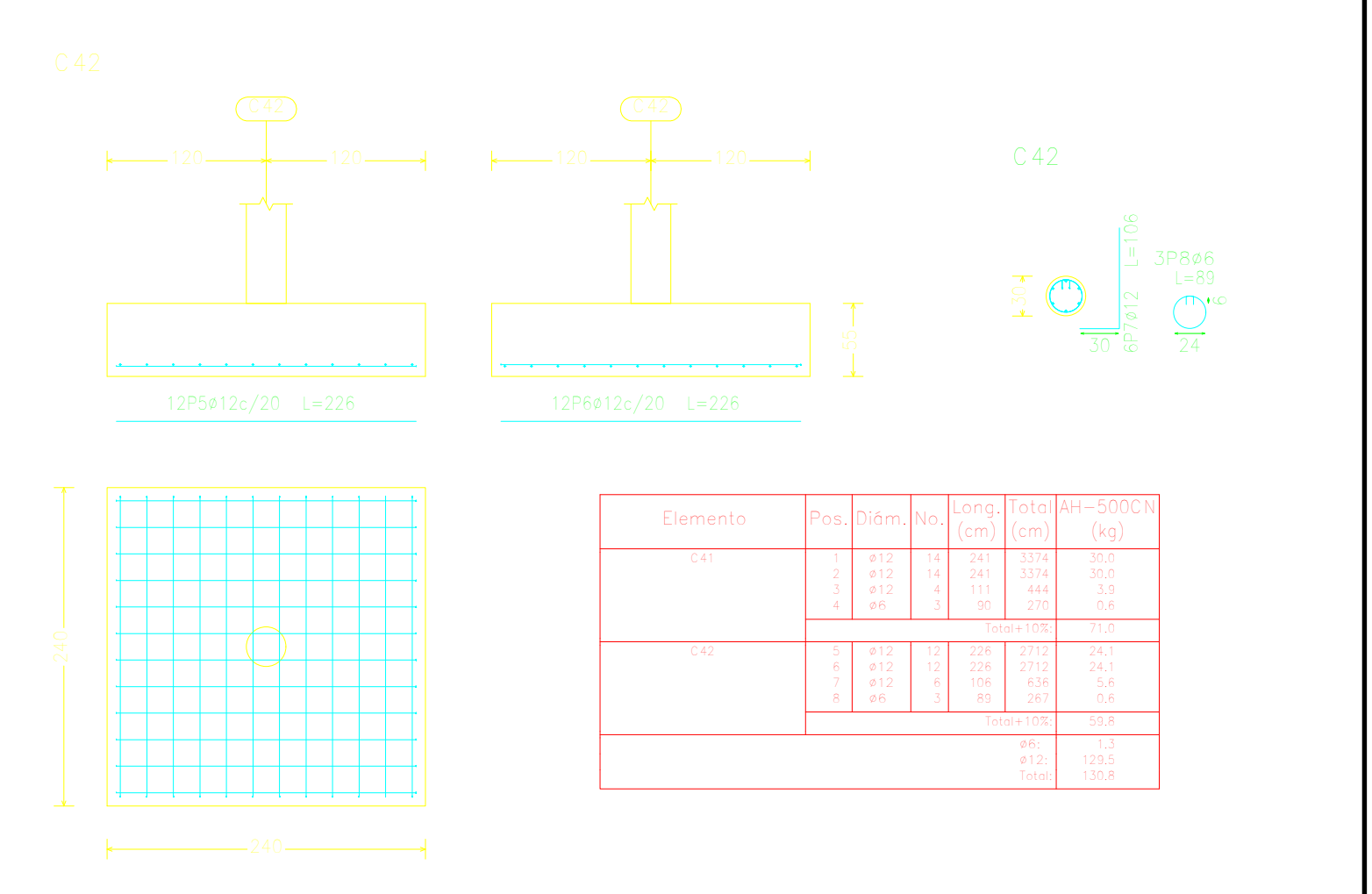
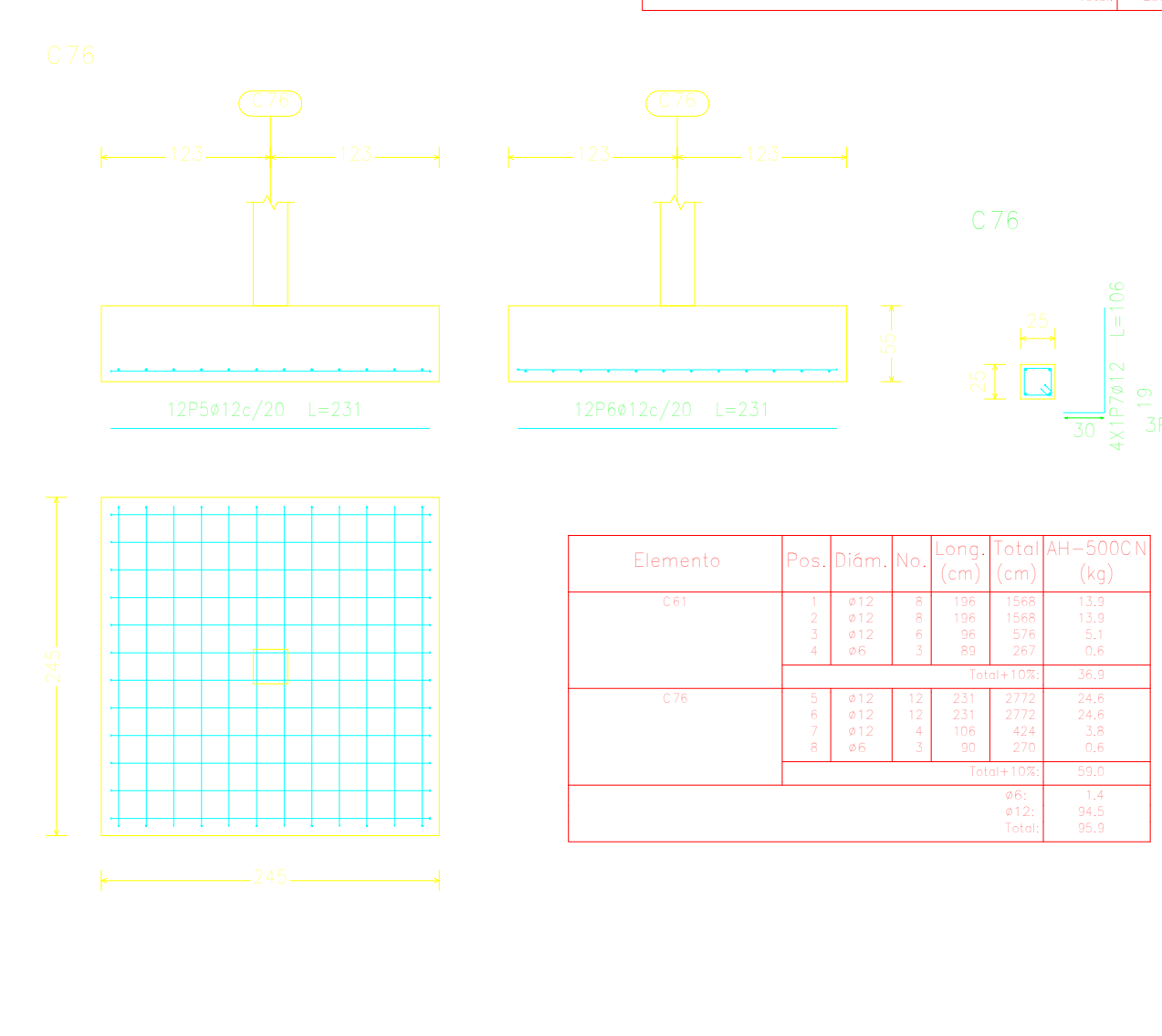
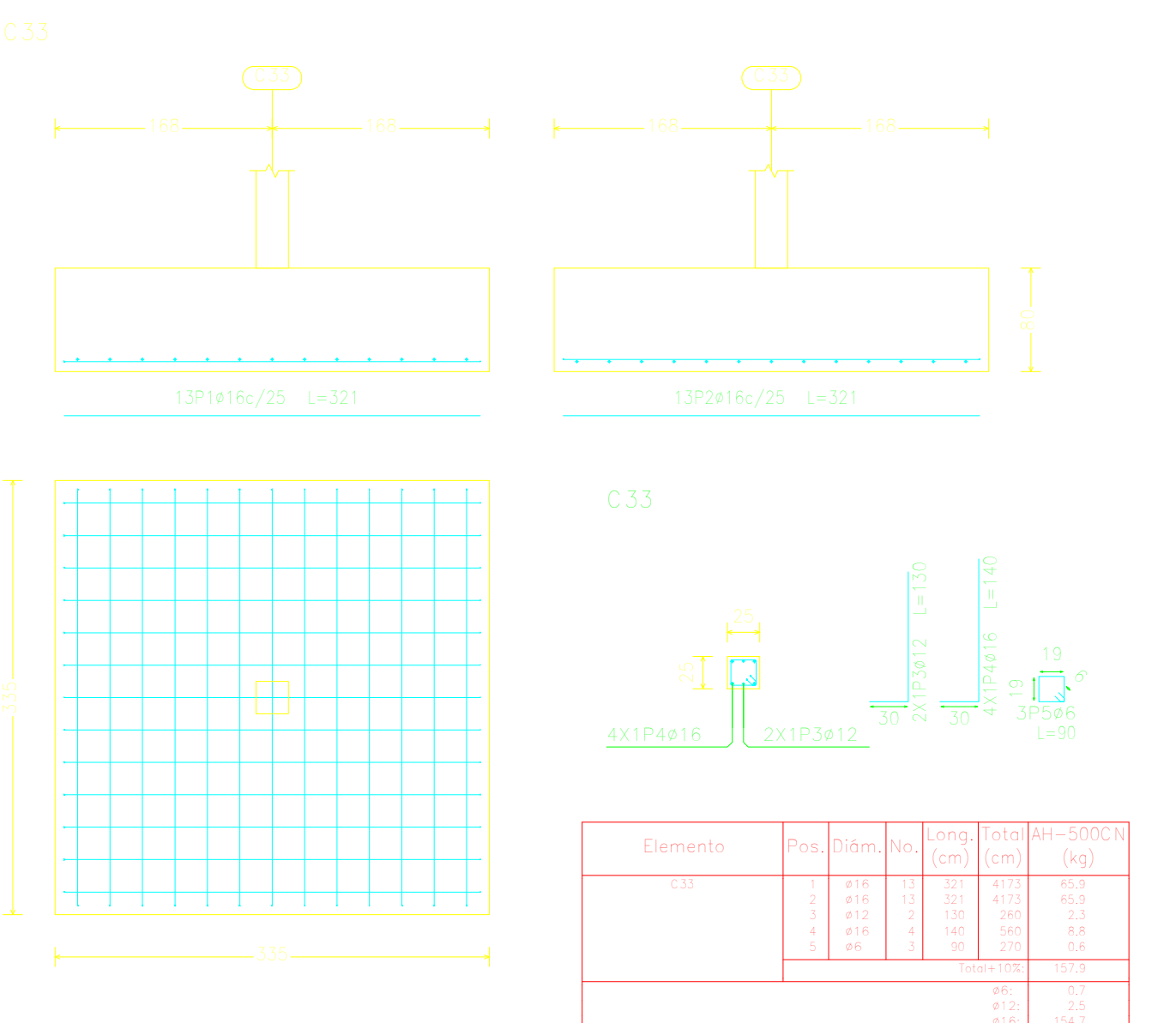
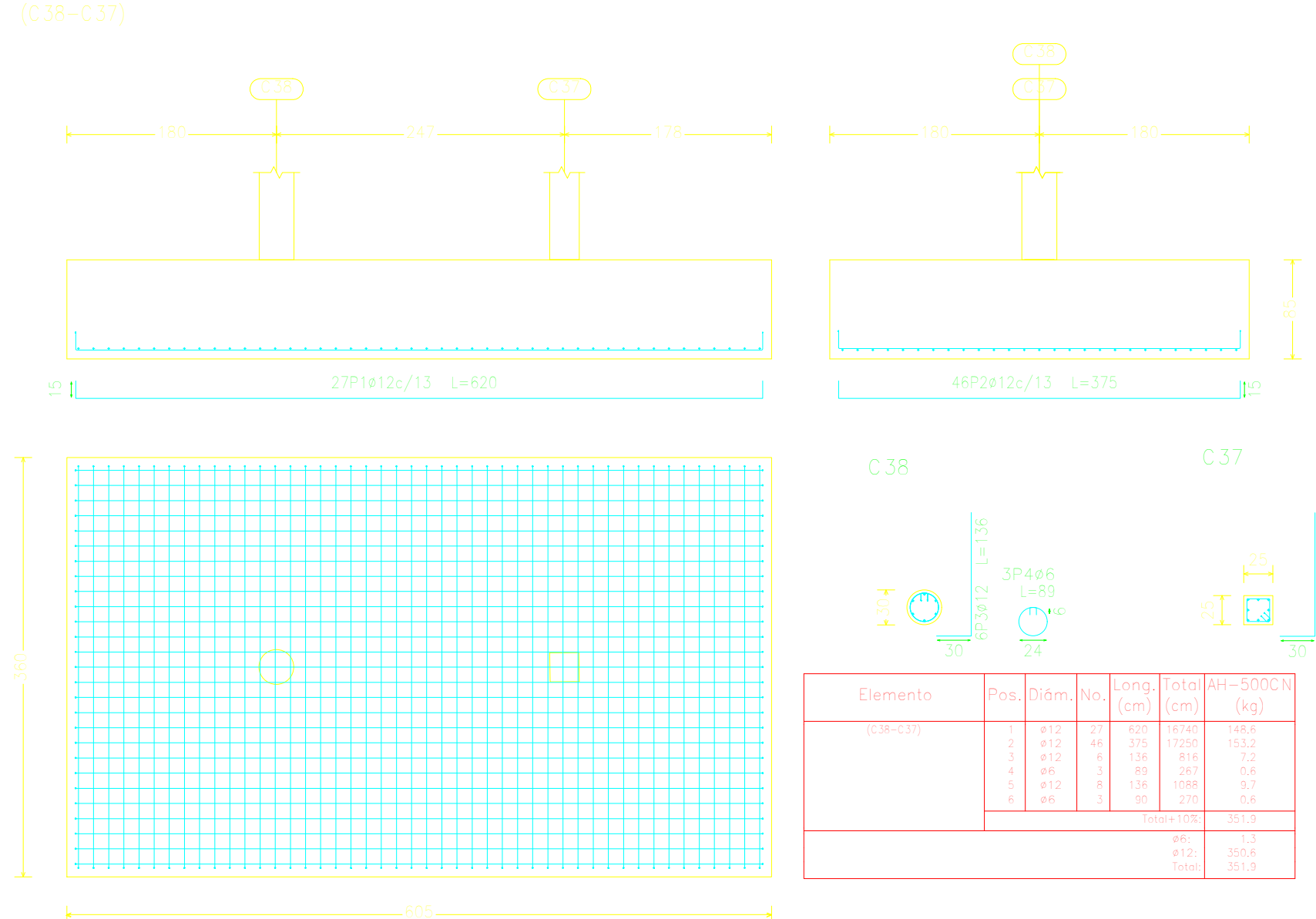
ARMADURA TRANSVERSAL SUPERIOR
ESC. 1:100



ZAPATAS
ESC.1:50



Elemento	Pos.	Diám.	No.	Long. (cm)	Total Ar=5000 N (kg)
C44	1	#12	12	111	88.2
	2	#12	12	111	88.2
	3	#12	12	111	88.2
	4	#12	12	111	88.2
C44	1	#12	12	111	88.2
	2	#12	12	111	88.2
	3	#12	12	111	88.2
	4	#12	12	111	88.2



UNIVERSIDAD : JUAN MISAEL SARACHO

ENTIDAD : ALCALDIA MUNICIPAL DE LA PROVINCIA CERCADO

PROYECTO : DISEÑO ESTRUCTURAL DE LA NUEVA U.E. JORGE ARAOZ CAMPERO

UBICACION : CIUDAD DE TARIJA BARRIO LA LOMA

ASIGNATURA: CIV-502 PROYECTO DE INGENIERIA CIVIL II

LAMINA:

CARRERA : ING.CIVIL

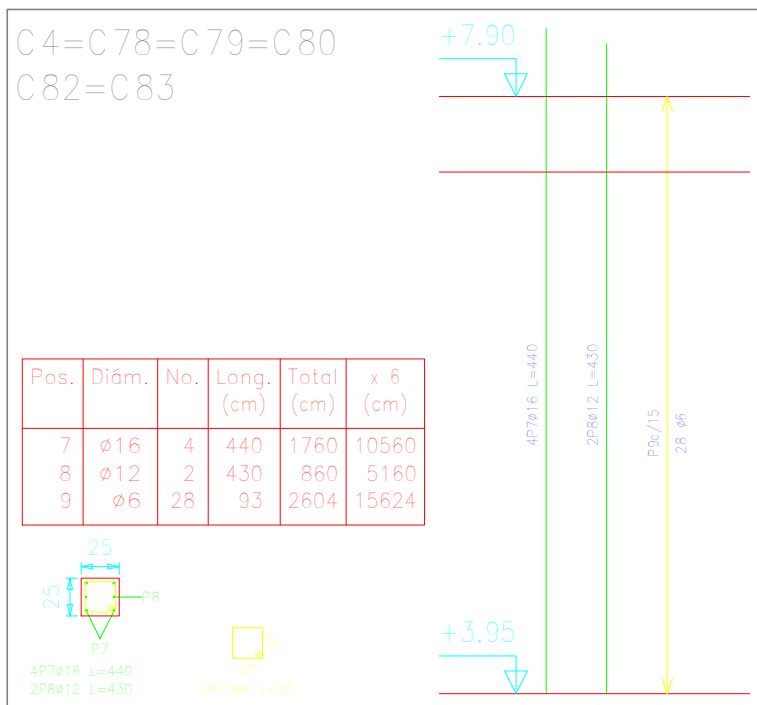
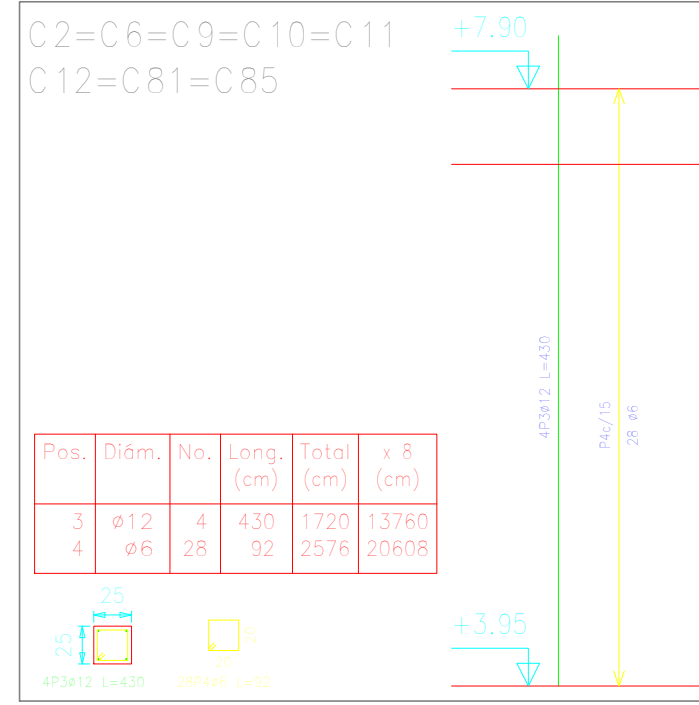
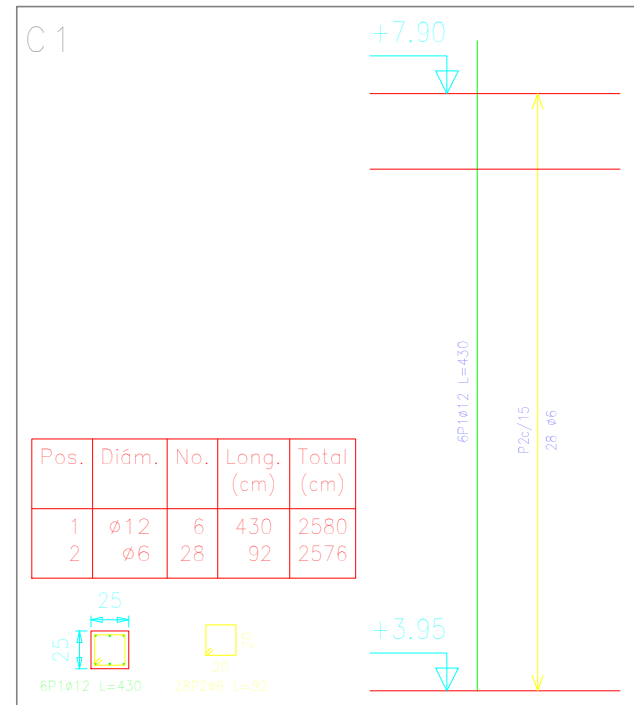
DESCRIPCION : DESPIECE DE ZAPATAS

ESCALA : INDICADAS

FECHA : TARIJA SEPTIEMBRE DE 2019

UNIVERSITARIO: FARFÁN FIGUEROA GONZALO

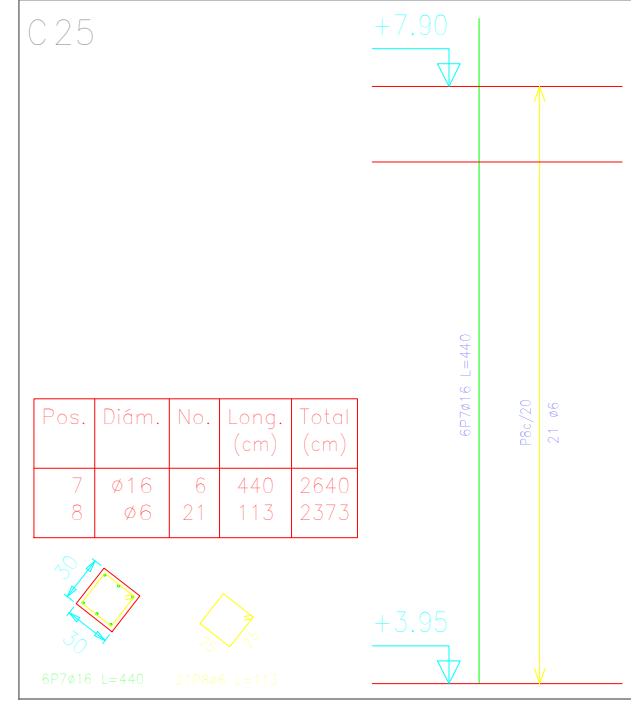
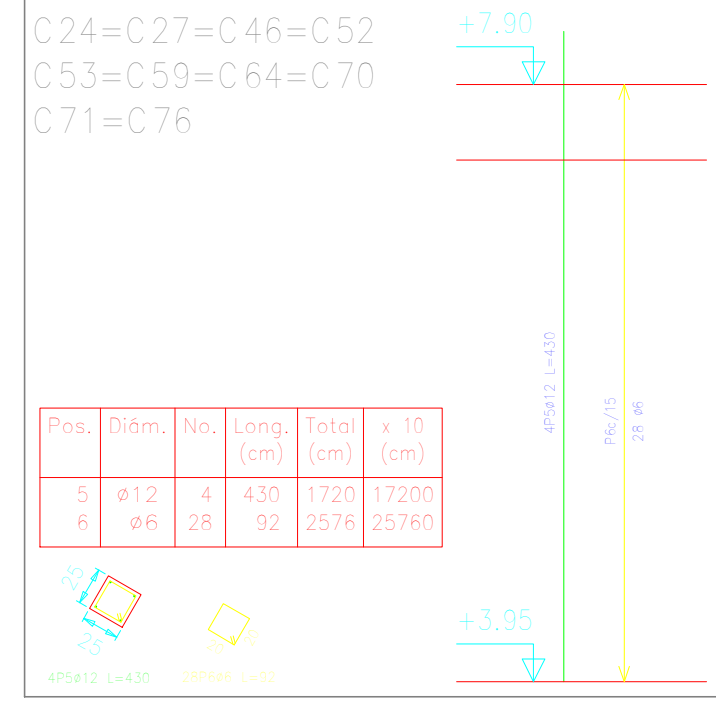
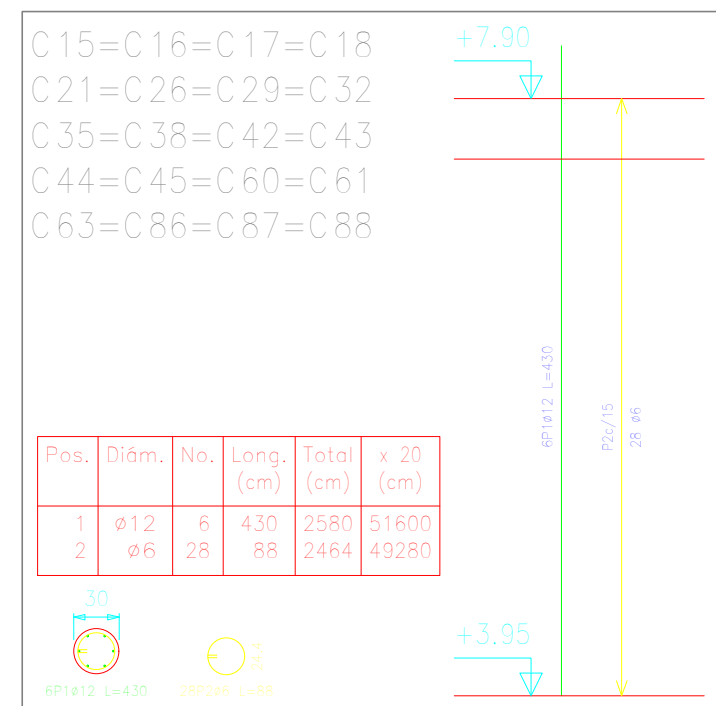
6/22



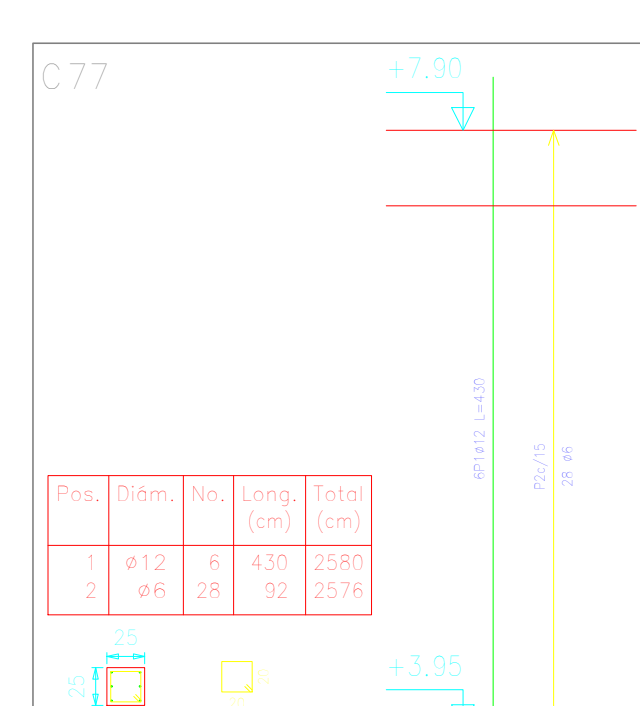
Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.1
Columna	2	#12	4	2576	10304	12.1
Columna	3	#12	4	2576	10304	12.1
Columna	4	#12	4	2576	10304	12.1

Pilares que terminan en Segundo Piso
Hormigón: H-25 , Control Normal
Acero: AH-500 , Control Normal
Escala: 1:50

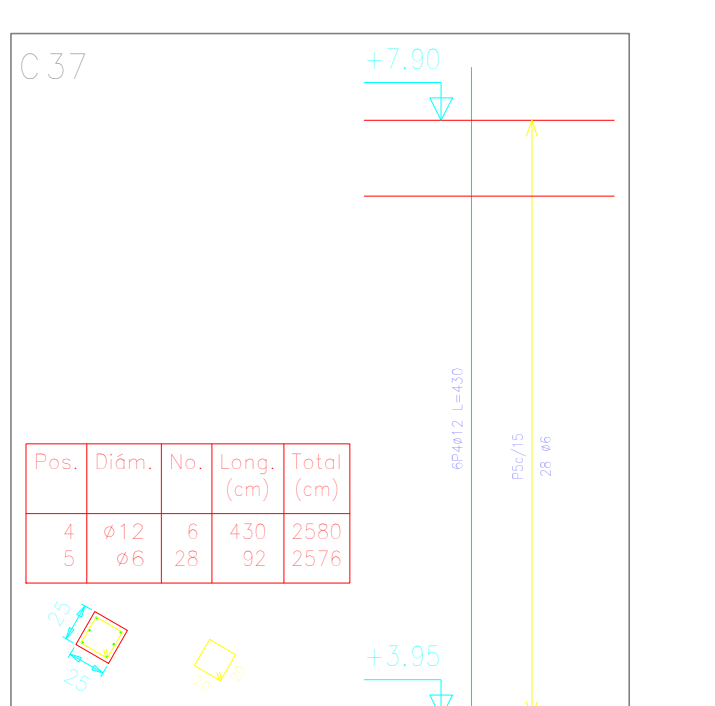
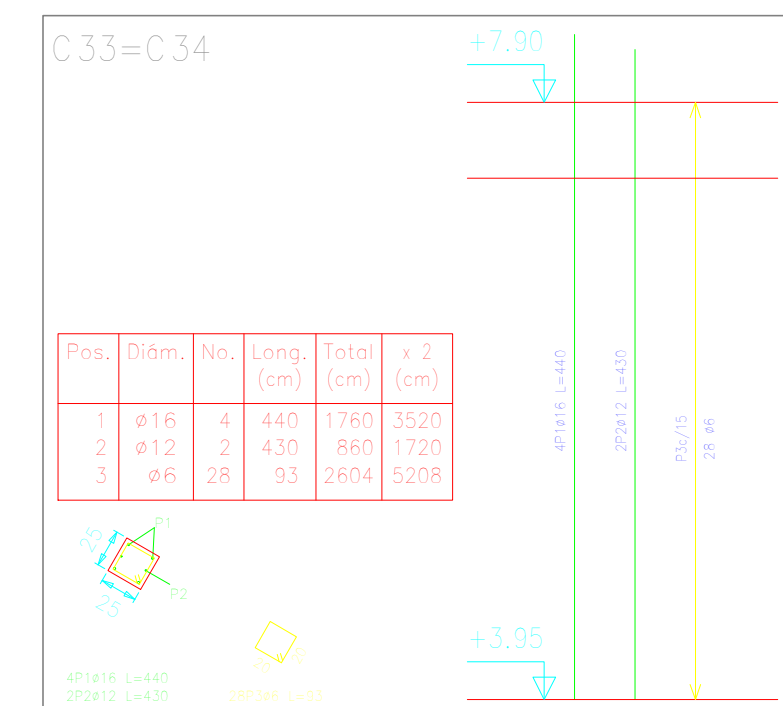
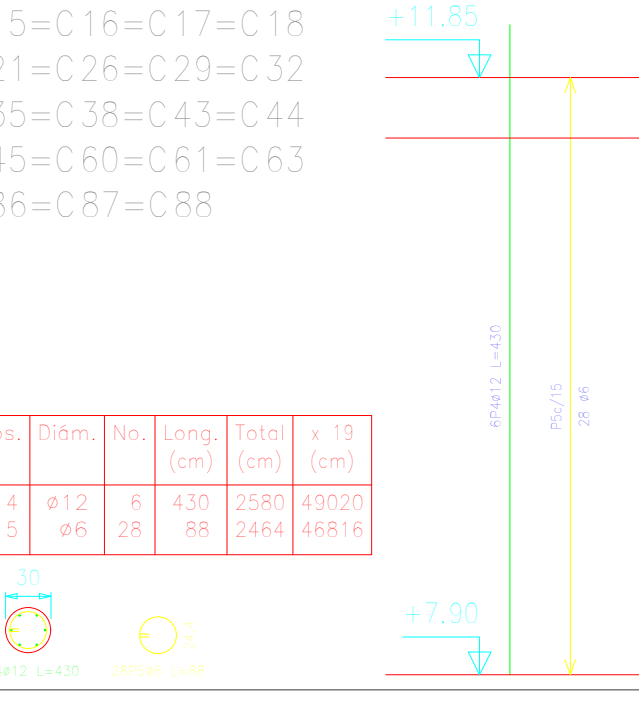
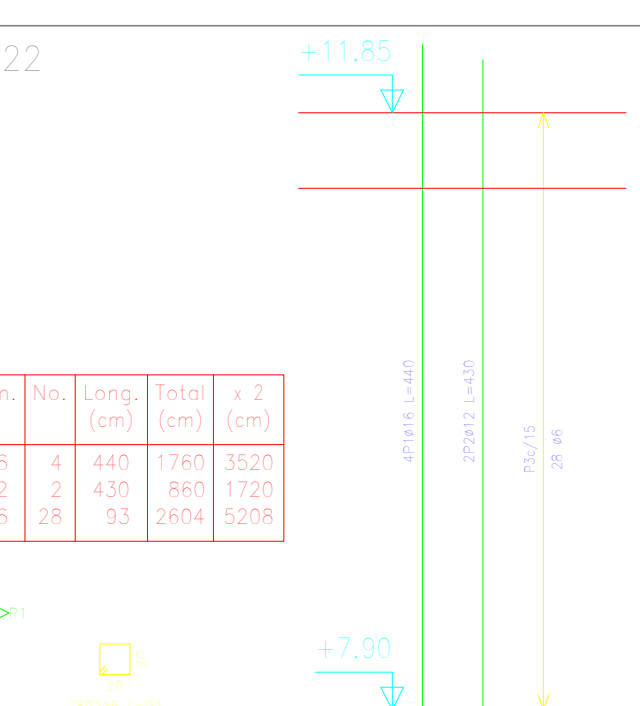
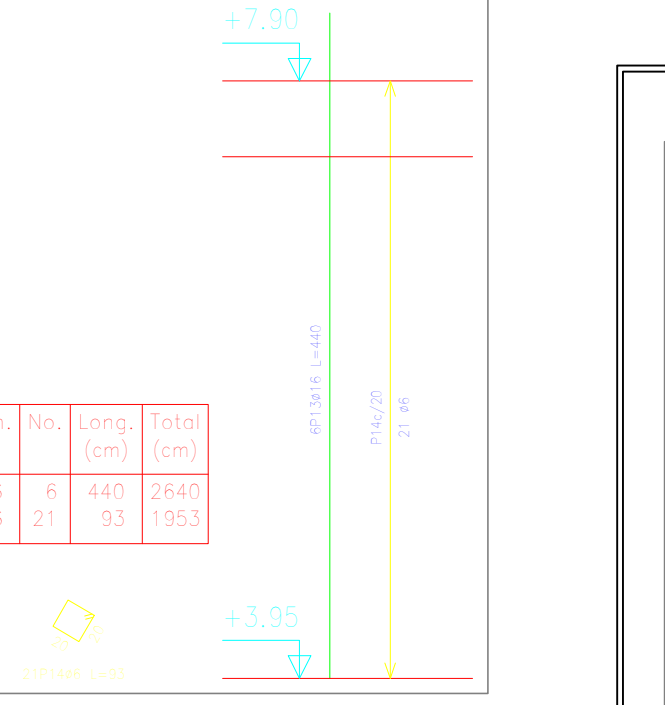
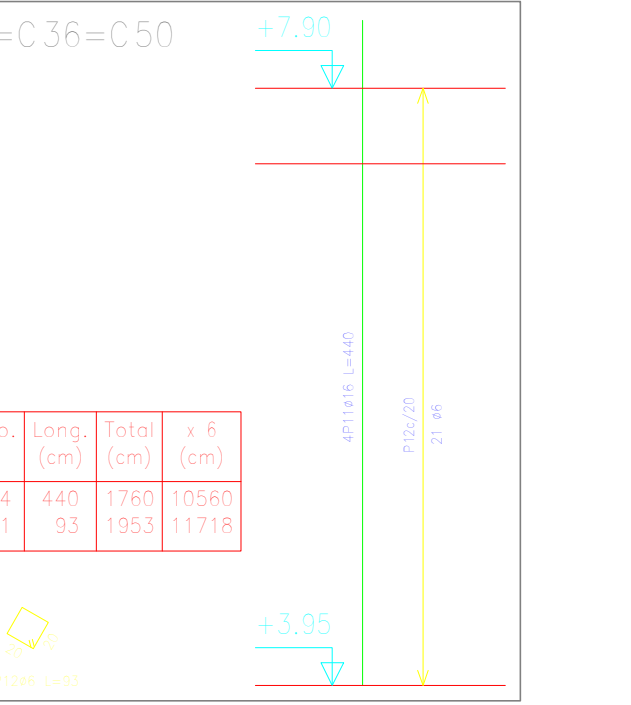
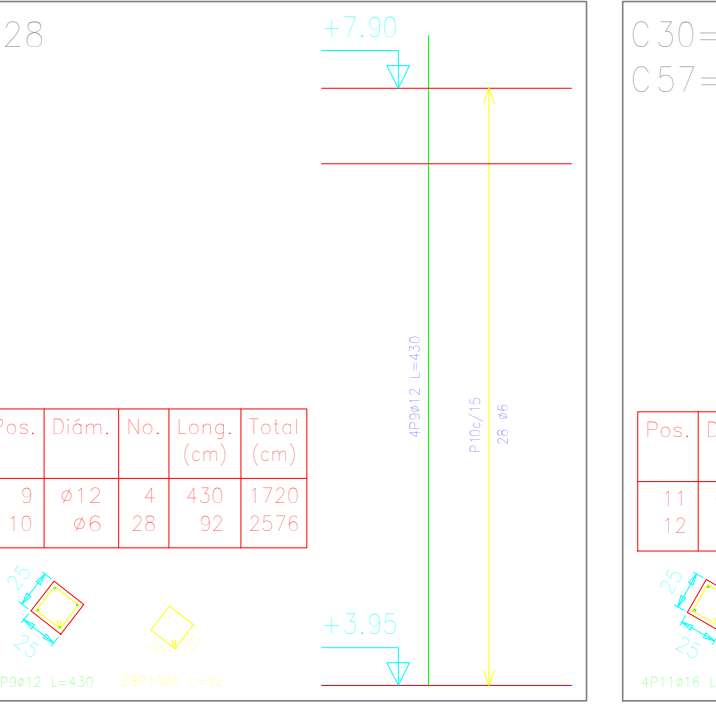
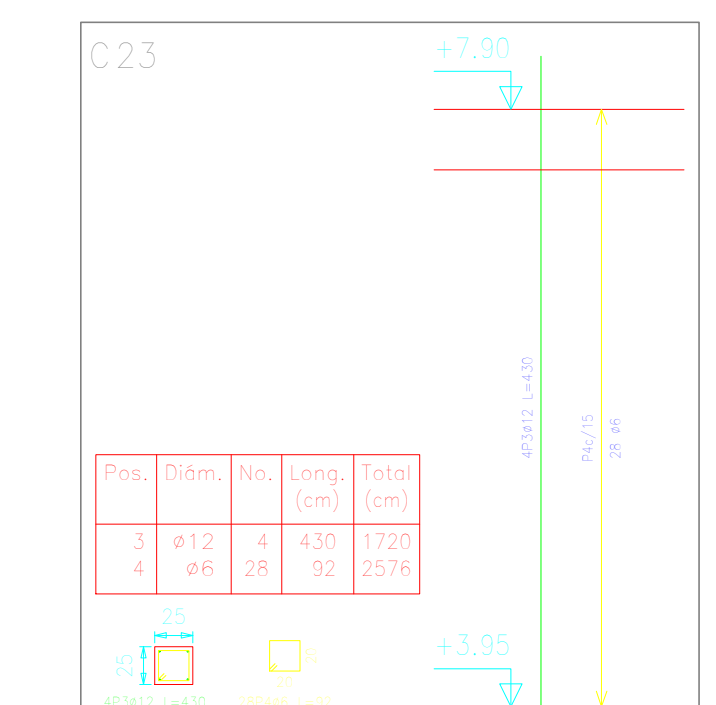
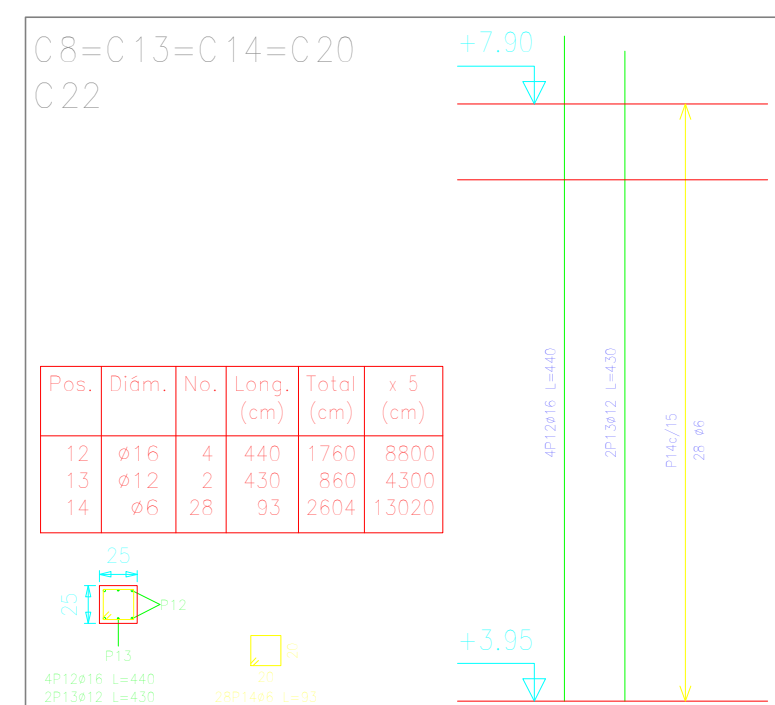
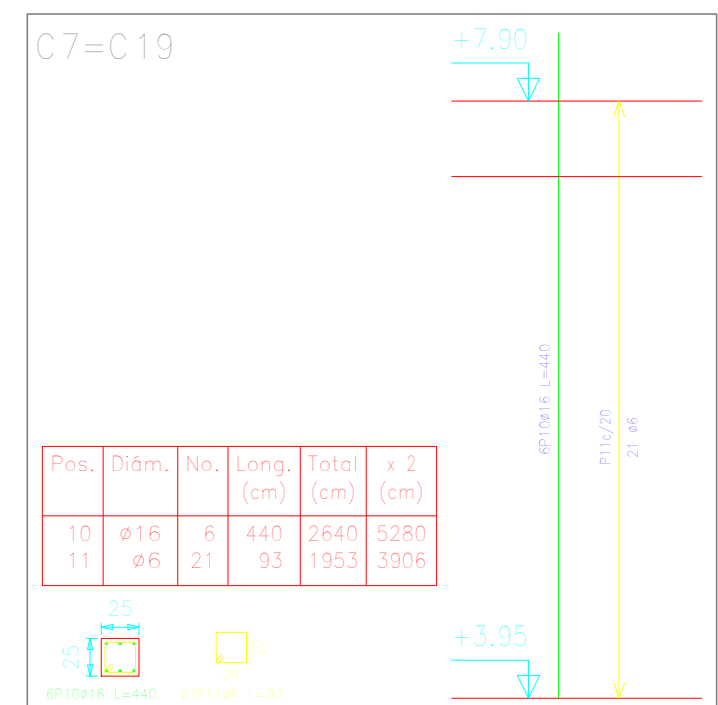
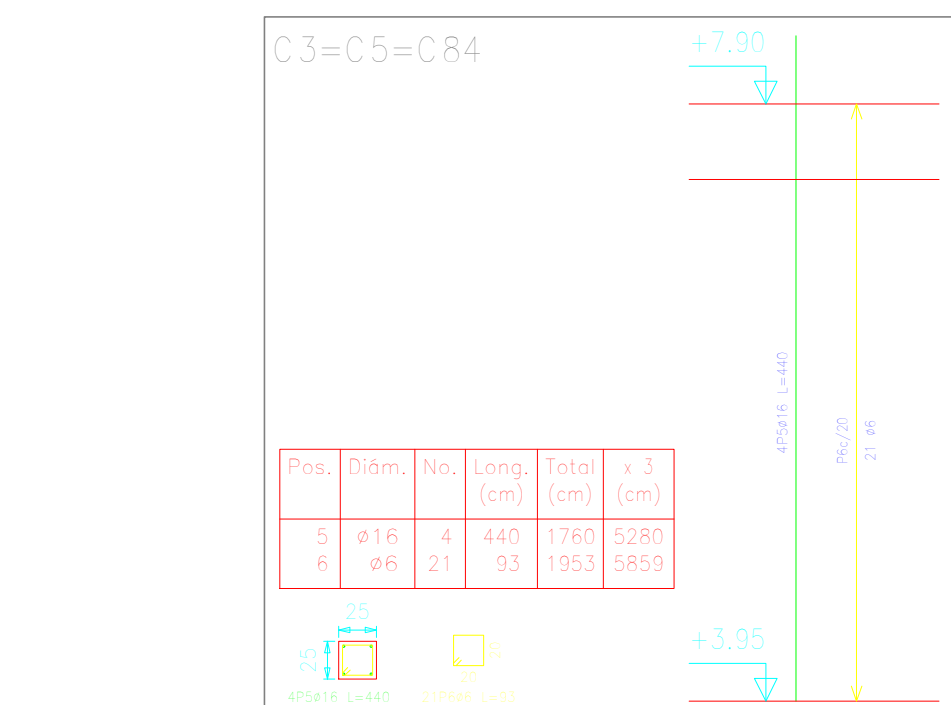
Resumen Acero Segundo Piso Pilares	Long. total (m)	Peso+10% (kg)	Total
AH-500CN #6	3148.1	524	
#12	1333.0	1302	
#16	651.2	1131	2957



Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.1
Columna	2	#12	4	2576	10304	12.1
Columna	3	#12	4	2576	10304	12.1
Columna	4	#12	4	2576	10304	12.1



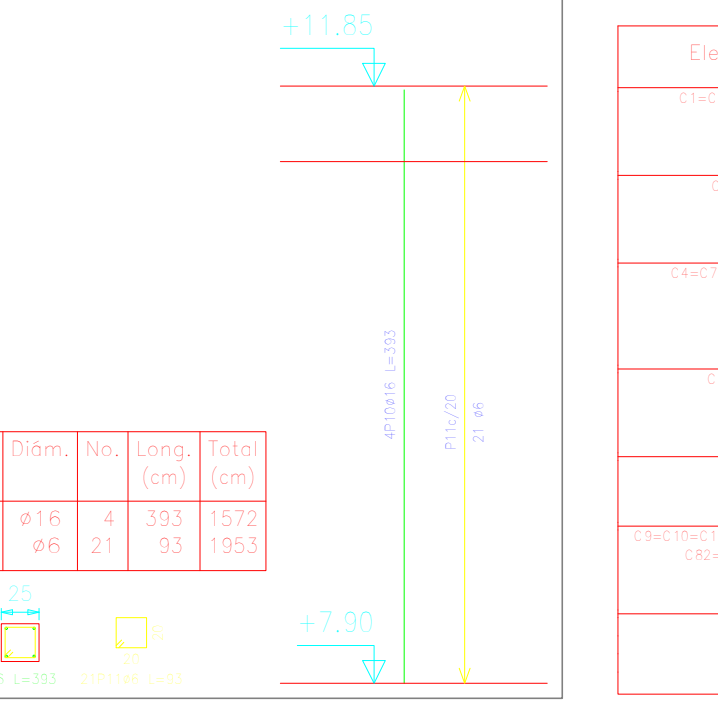
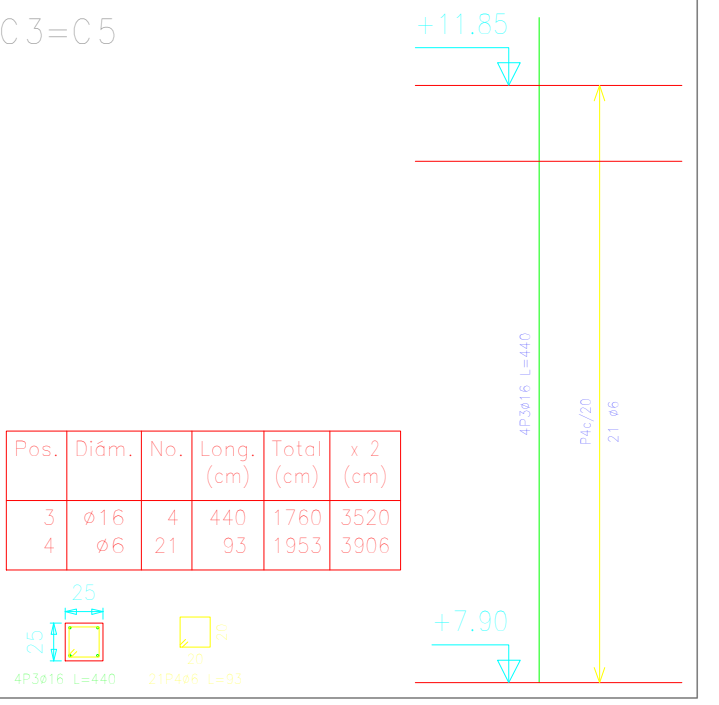
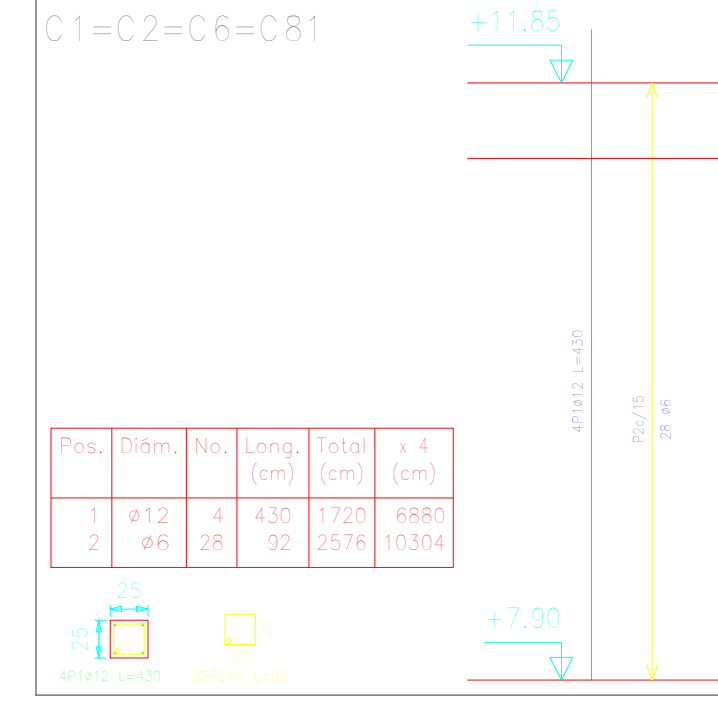
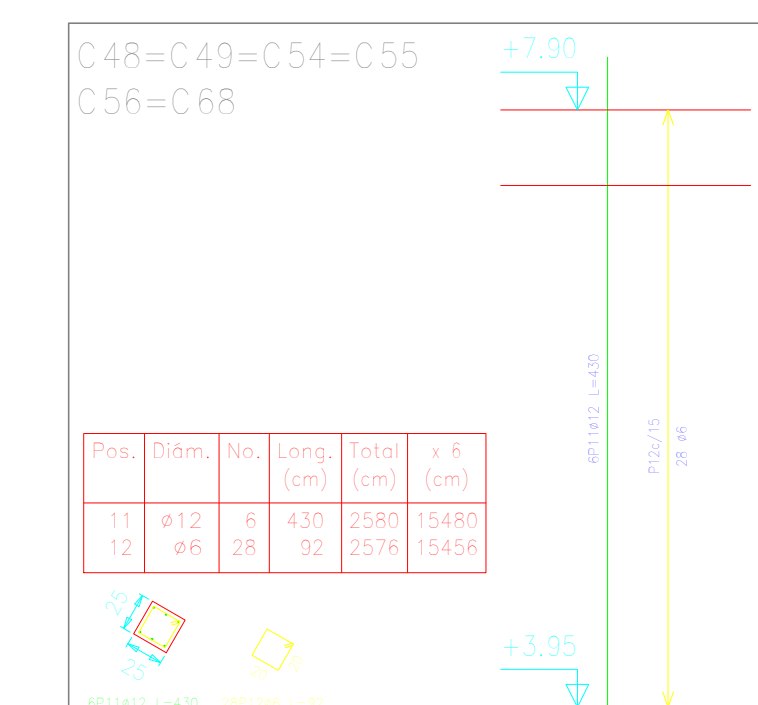
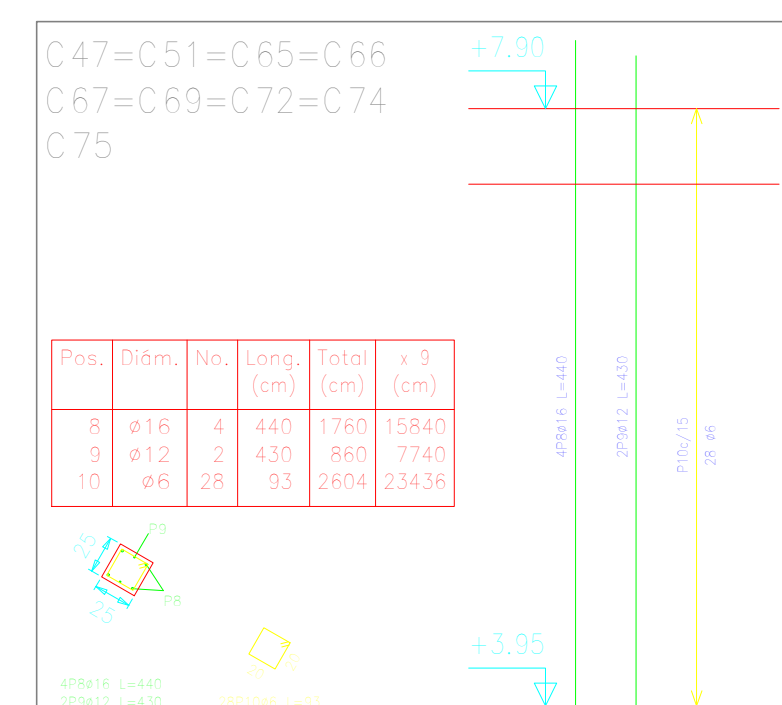
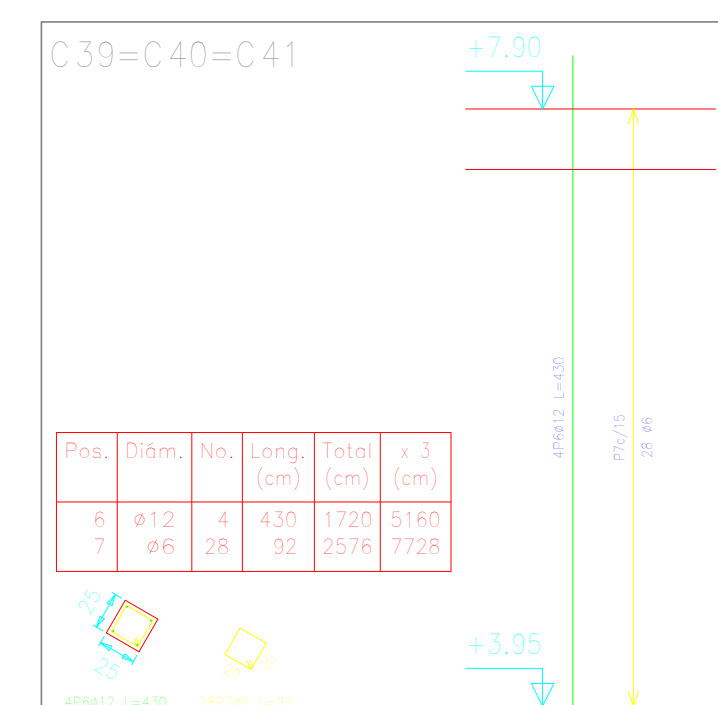
Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.1
Columna	2	#12	4	2576	10304	12.1
Columna	3	#12	4	2576	10304	12.1
Columna	4	#12	4	2576	10304	12.1



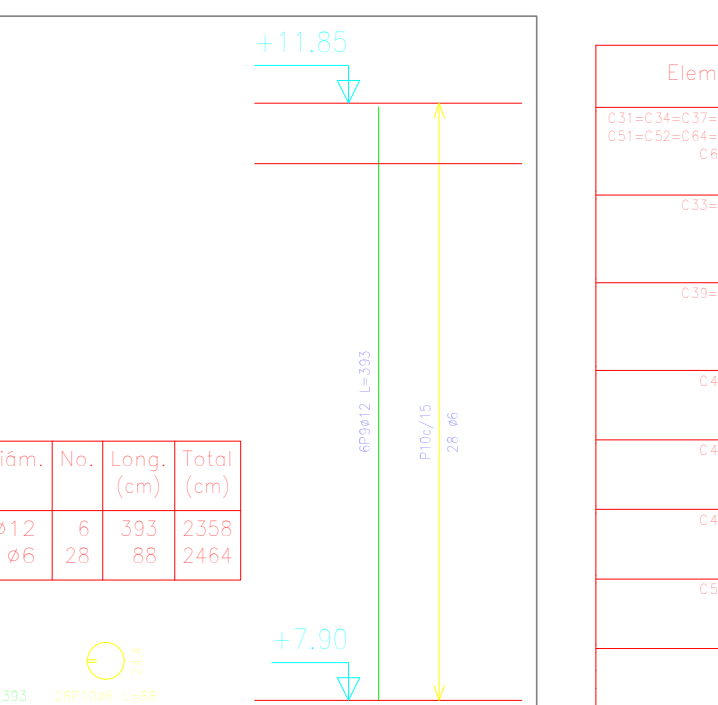
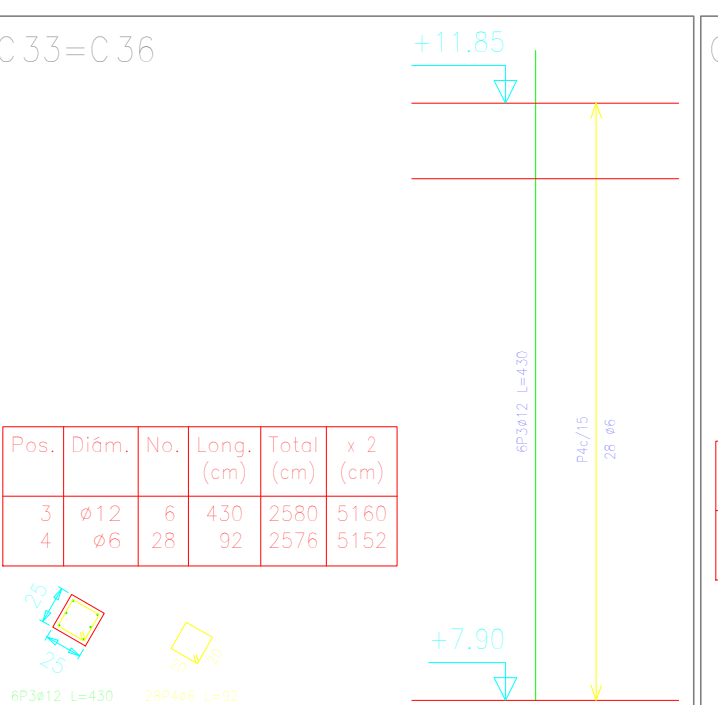
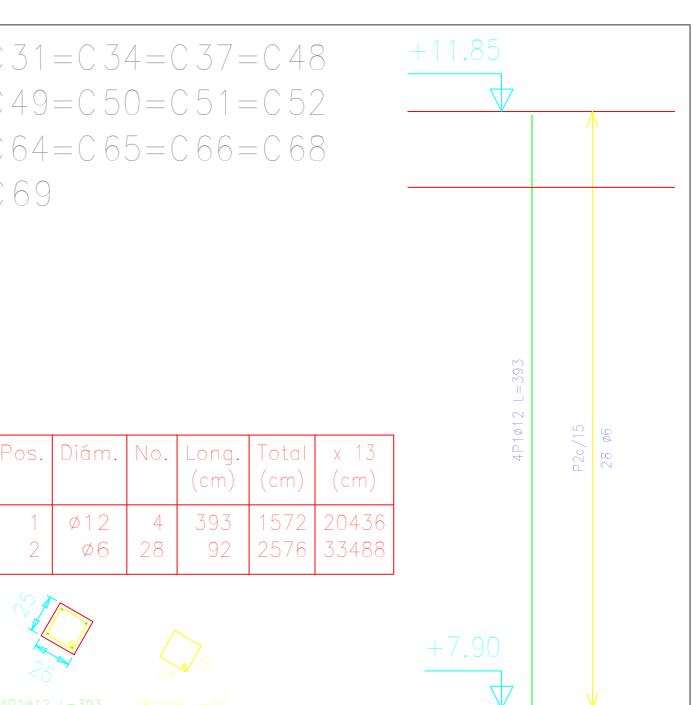
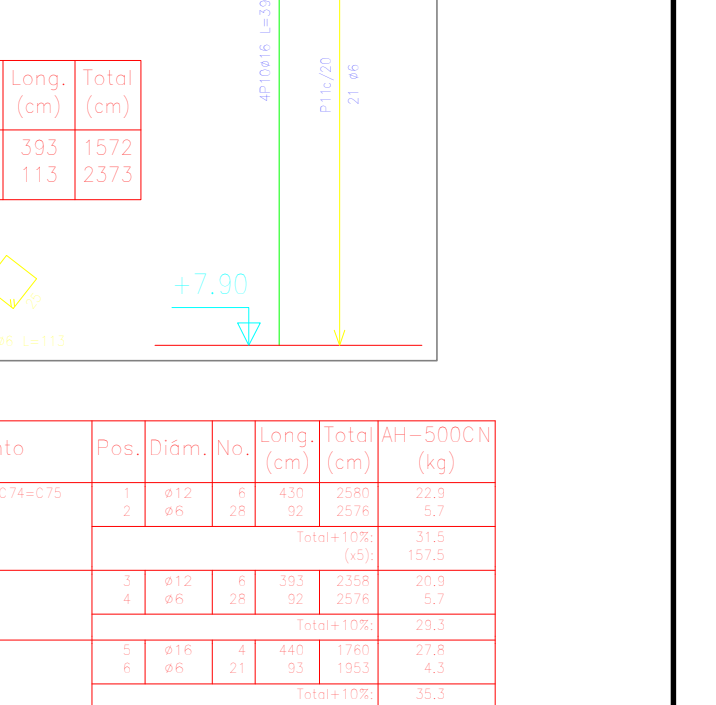
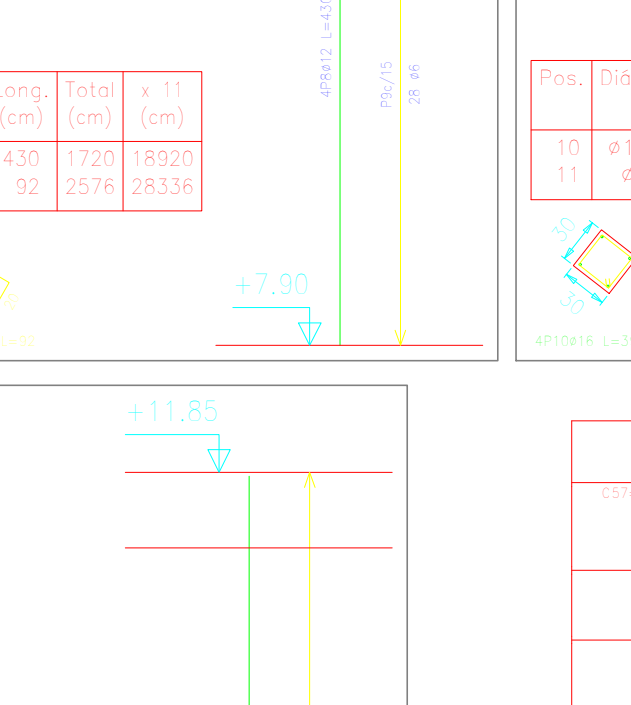
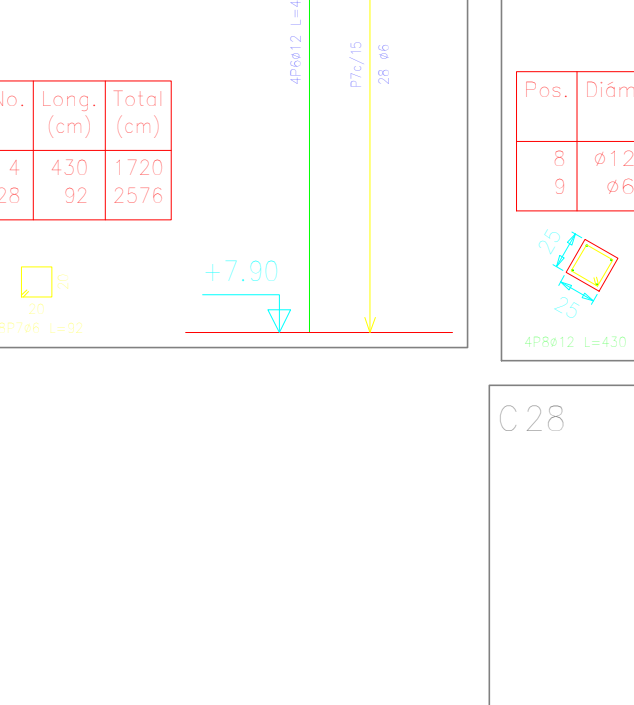
Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.1
Columna	2	#12	4	2576	10304	12.1
Columna	3	#12	4	2576	10304	12.1
Columna	4	#12	4	2576	10304	12.1

Pilares que terminan en Azotea
Hormigón: H-25 , Control Normal
Acero: AH-500 , Control Normal
Escala: 1:50

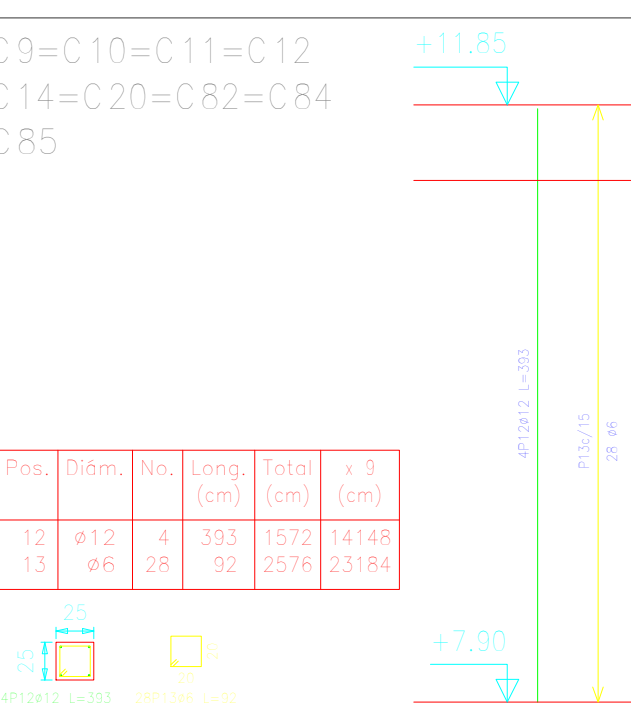
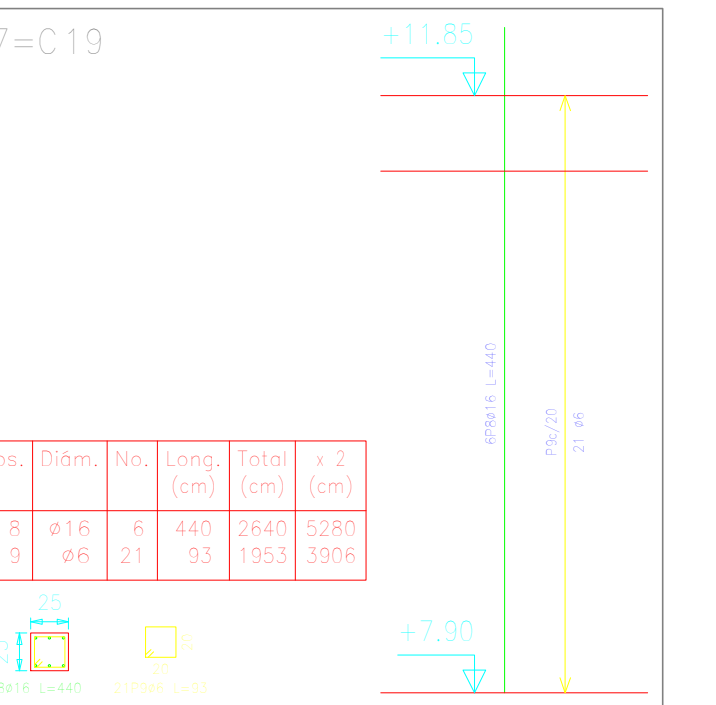
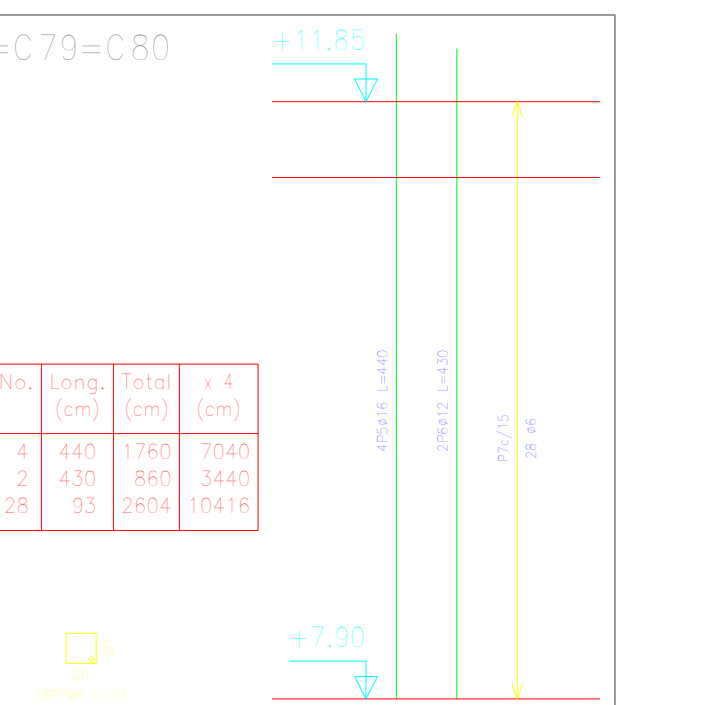
Resumen Acero Azotea Pilares	Long. total (m)	Peso+10% (kg)	Total
AH-500CN #6	3181.0	532	
#12	1538.7	1503	
#16	242.6	421	2456



Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.1
Columna	2	#12	4	2576	10304	12.1
Columna	3	#12	4	2576	10304	12.1
Columna	4	#12	4	2576	10304	12.1



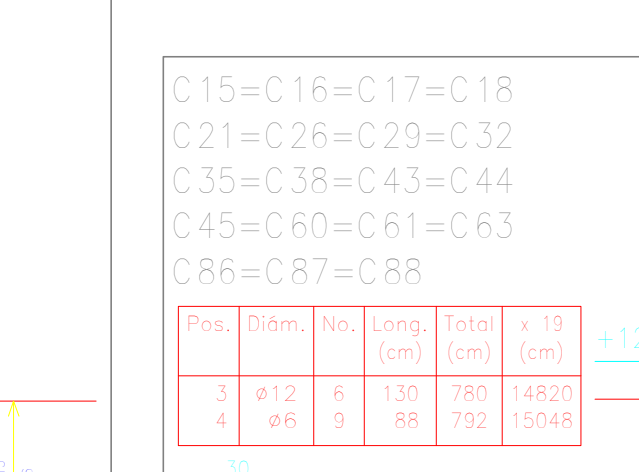
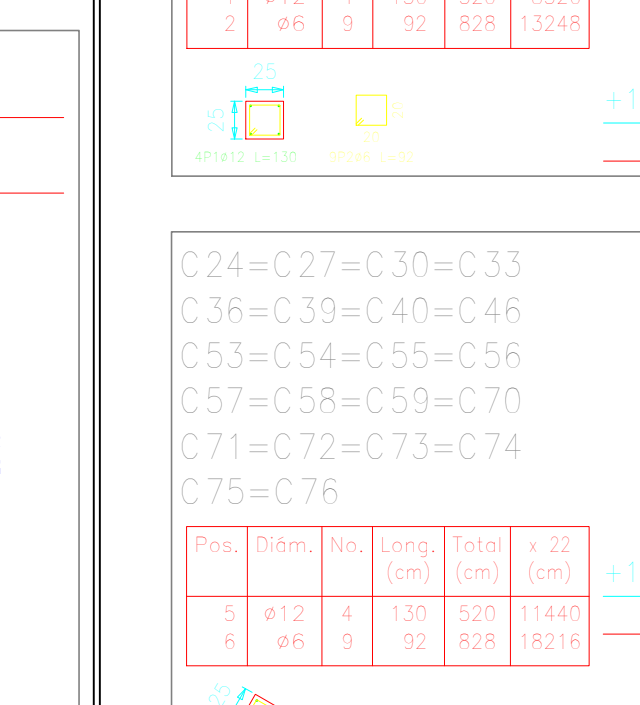
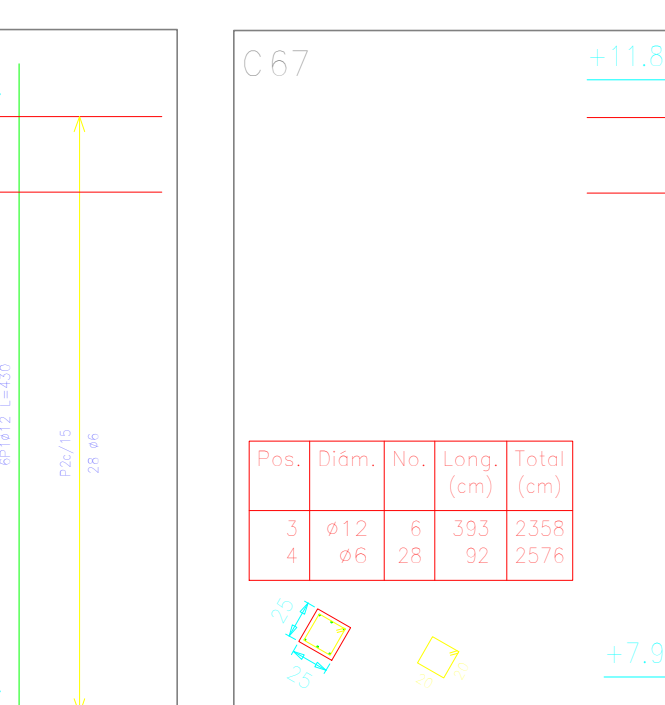
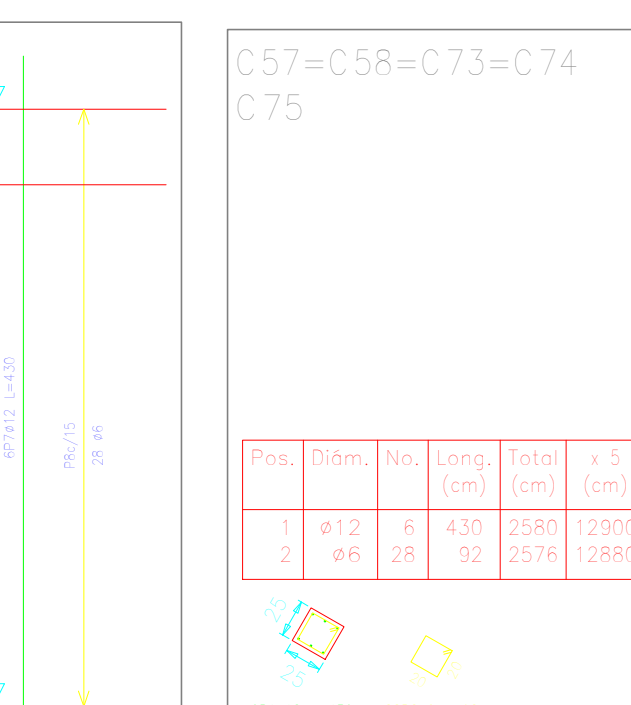
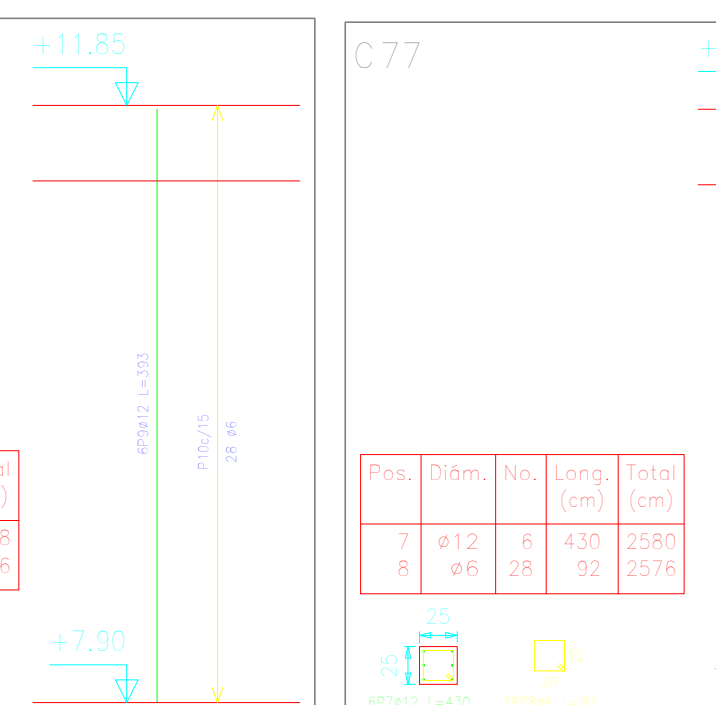
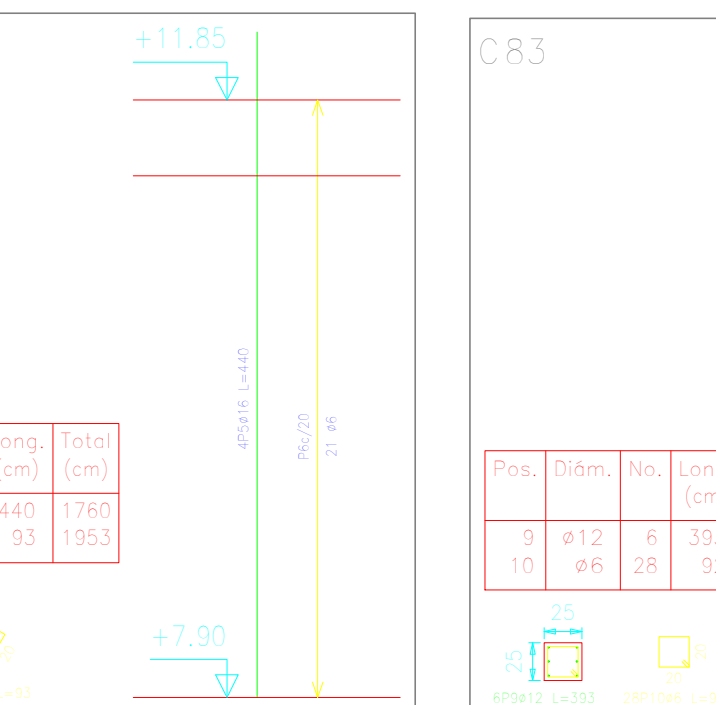
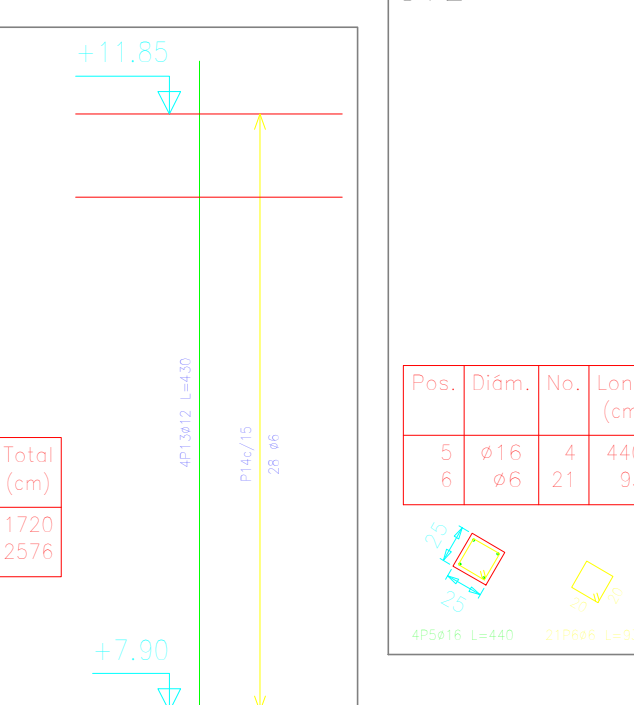
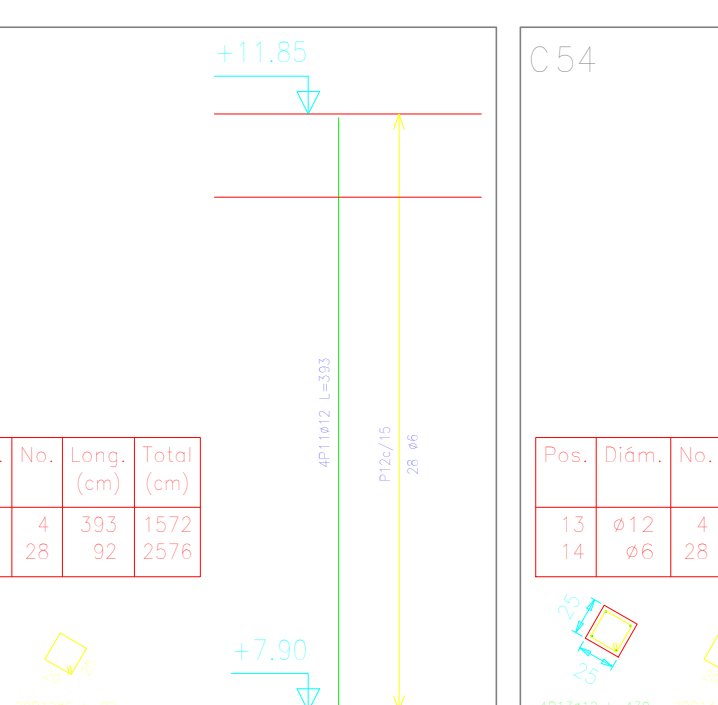
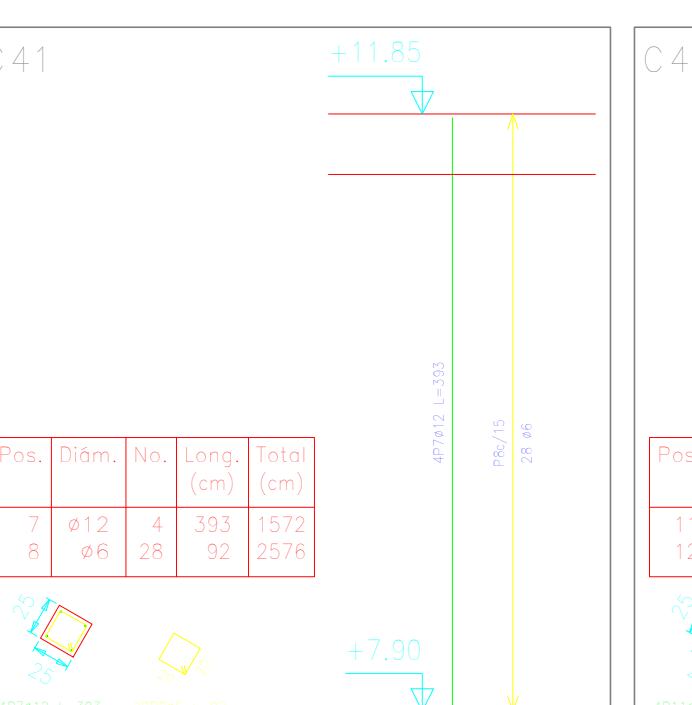
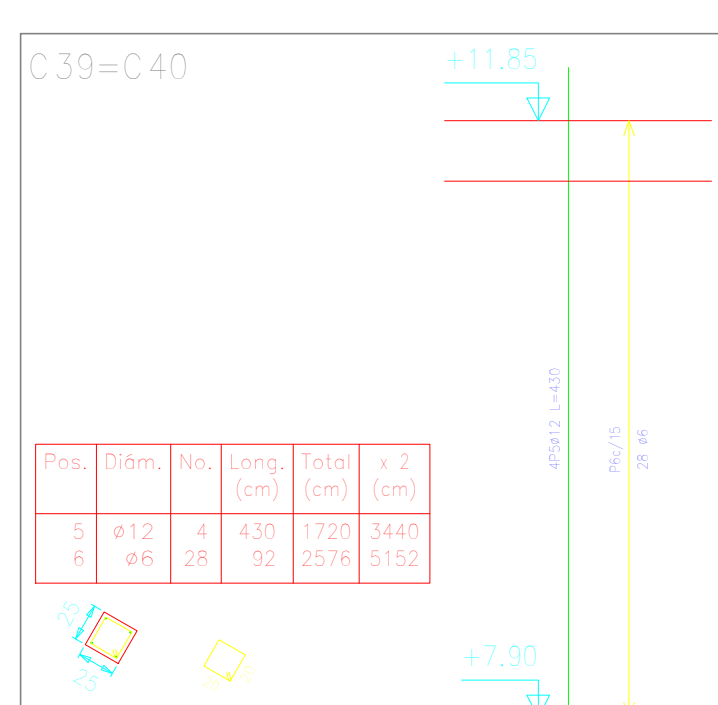
Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.1
Columna	2	#12	4	2576	10304	12.1
Columna	3	#12	4	2576	10304	12.1
Columna	4	#12	4	2576	10304	12.1



Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.1
Columna	2	#12	4	2576	10304	12.1
Columna	3	#12	4	2576	10304	12.1
Columna	4	#12	4	2576	10304	12.1

Pilares que terminan en Parapeto azotea
Hormigón: H-25 , Control Normal
Acero: AH-500 , Control Normal
Escala: 1:50

Resumen Acero Parapeto azotea Pilares	Long. total (m)	Peso+10% (kg)	Total
AH-500CN #6	445.1	114	
#12	345.8	338	450



UNIVERSIDAD : JUAN MISAEL SARACHO

ENTIDAD : ALCALDIA MUNICIPAL DE LA PROVINCIA CERCADO

PROYECTO : DISEÑO ESTRUCTURAL DE LA NUEVA U.E. JORGE ARAOZ CAMPERO

UBICACION : CIUDAD DE TARIJA BARRIO LA LOMA

ASIGNATURA : CIV-502 PROYECTO DE INGENIERIA CIVIL II

LAMINA:

CARRERA : ING.CIVIL

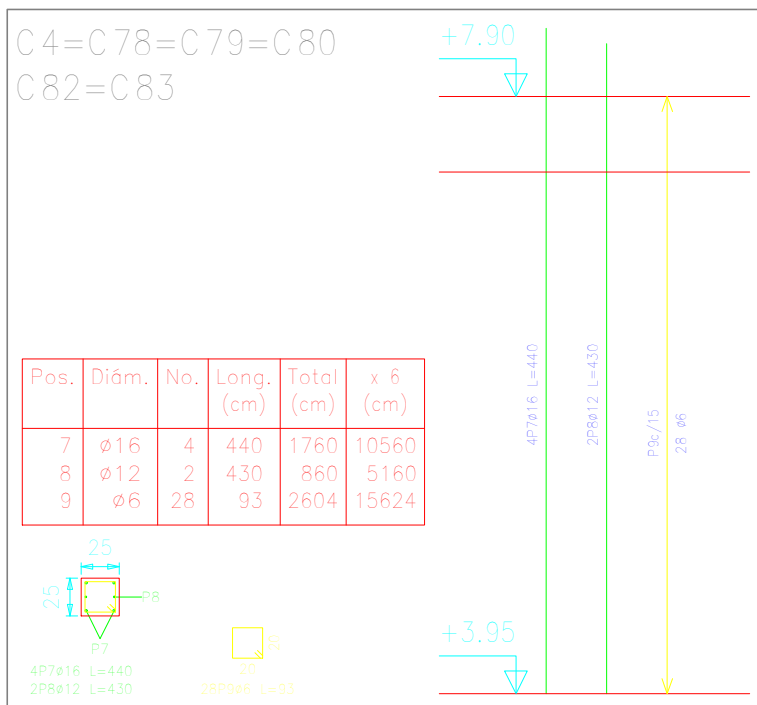
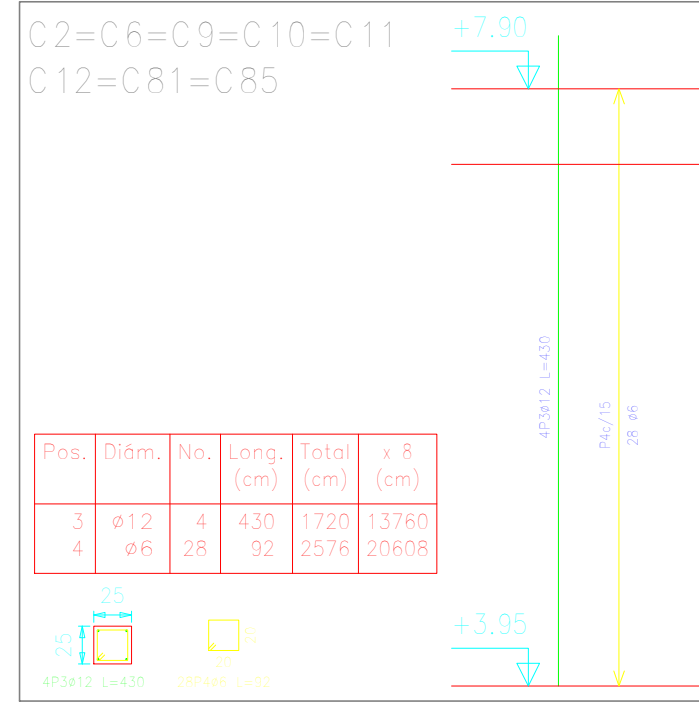
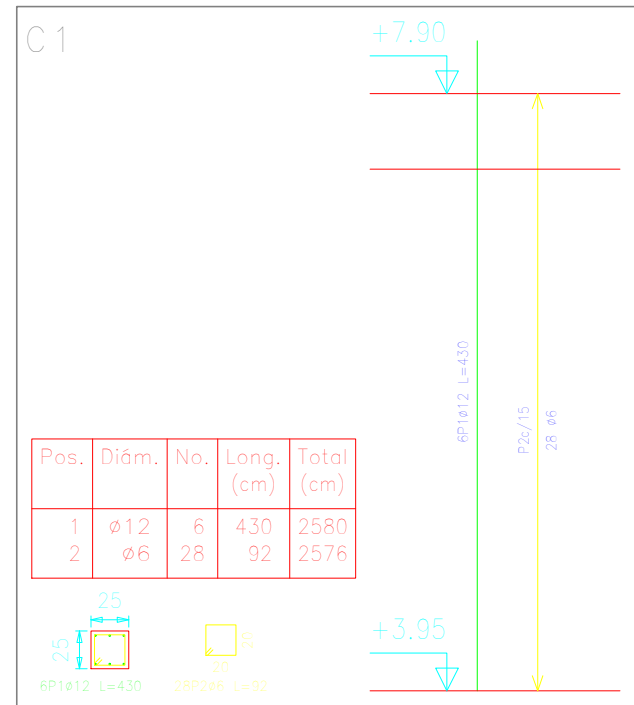
DESCRIPCION : DESPIECE DE COLUMNAS

ESCALA : 1:50

FECHA : TARIJA SEPTIEMBRE DE 2019

UNIVERSITARIO : FARFÁN FIGUEROA GONZALO

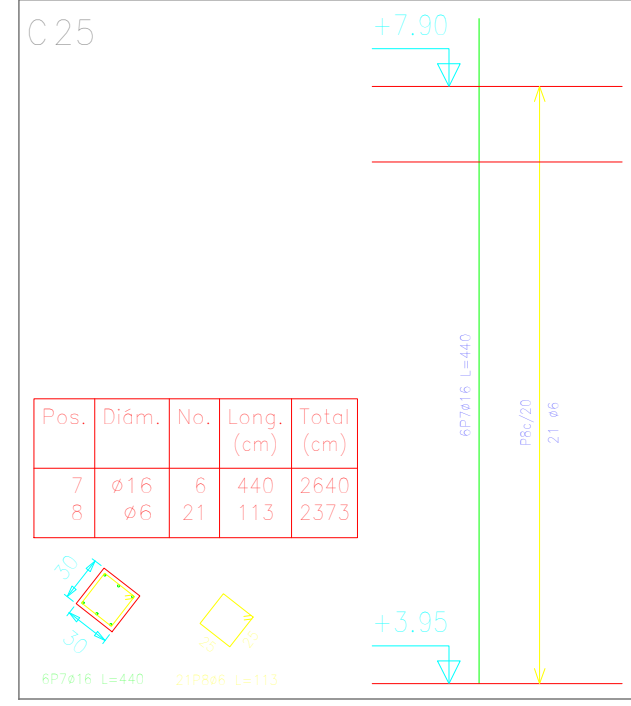
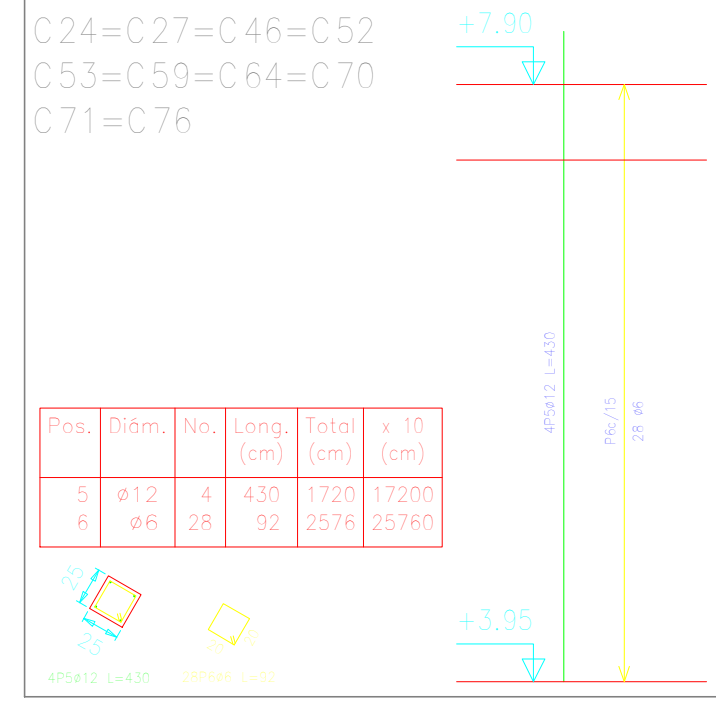
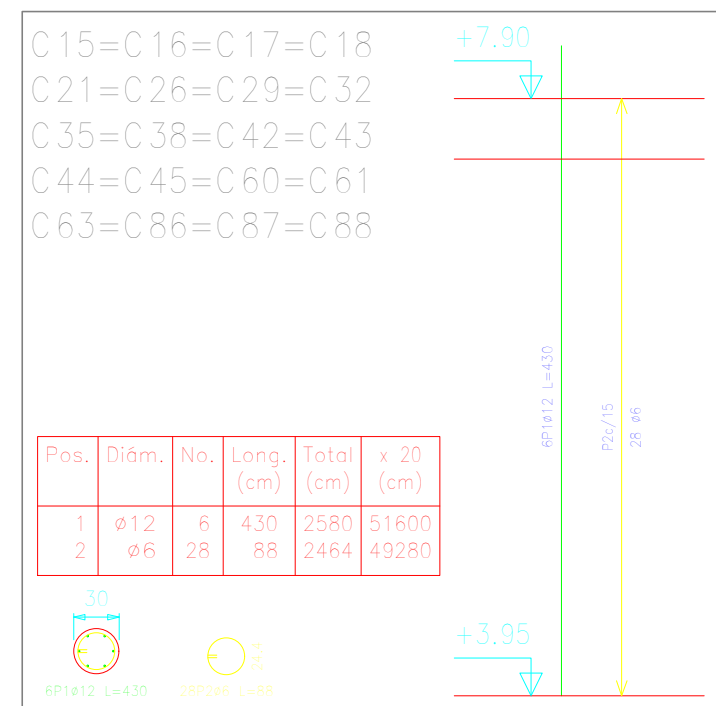
9/22



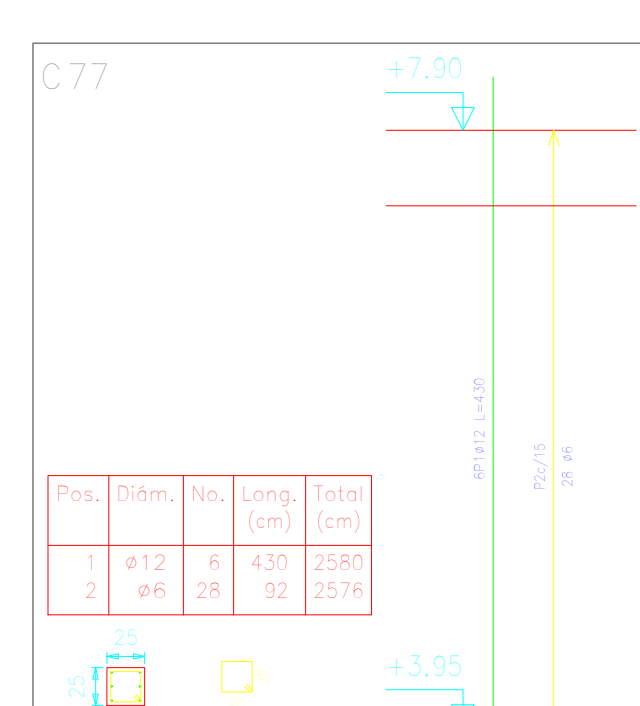
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Columna	2	#12	4	2576	10304	12.5
Columna	3	#12	4	2576	10304	12.5
Columna	4	#12	4	2576	10304	12.5

Pilares que terminan en Segundo Piso
Hormigón: H-25 , Control Normal
Acero: AH-500 , Control Normal
Escala: 1:50

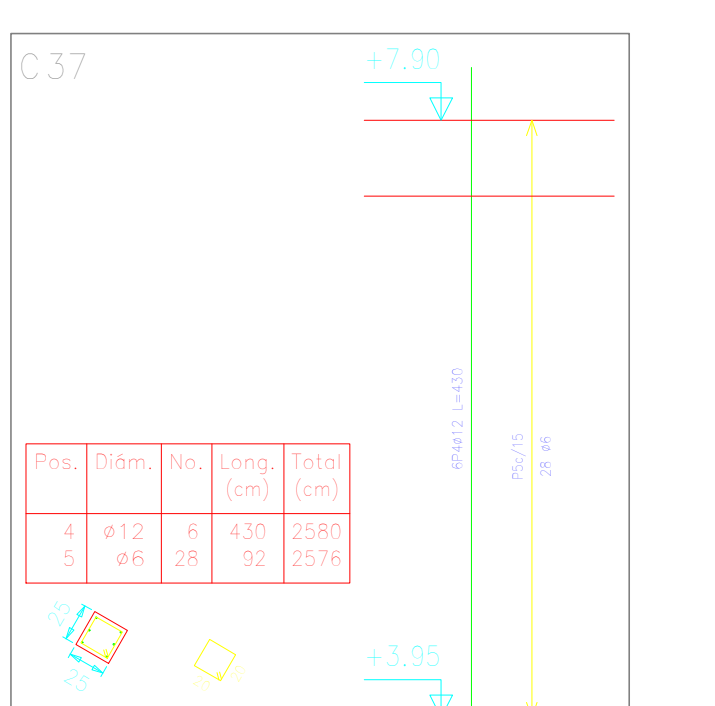
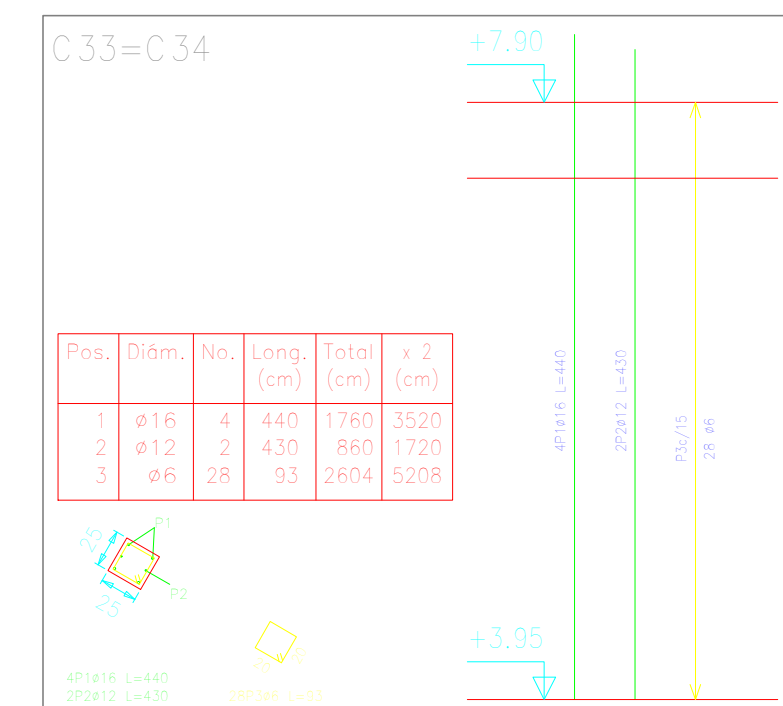
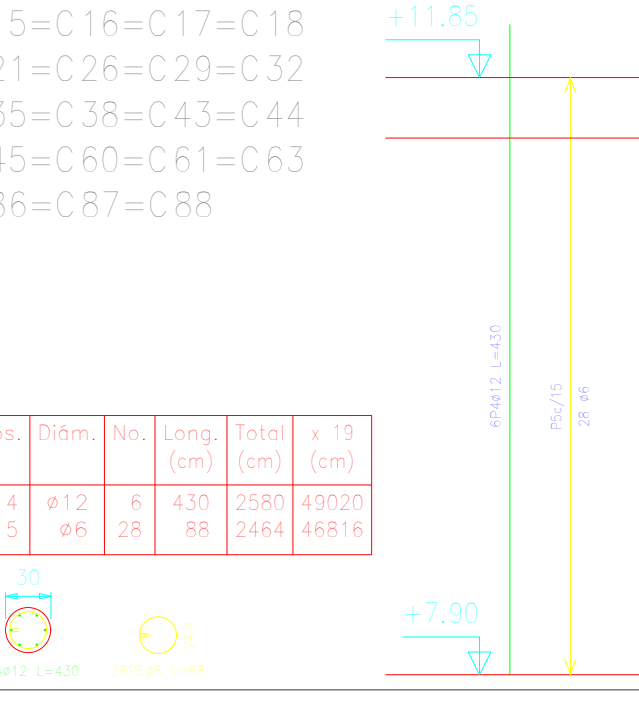
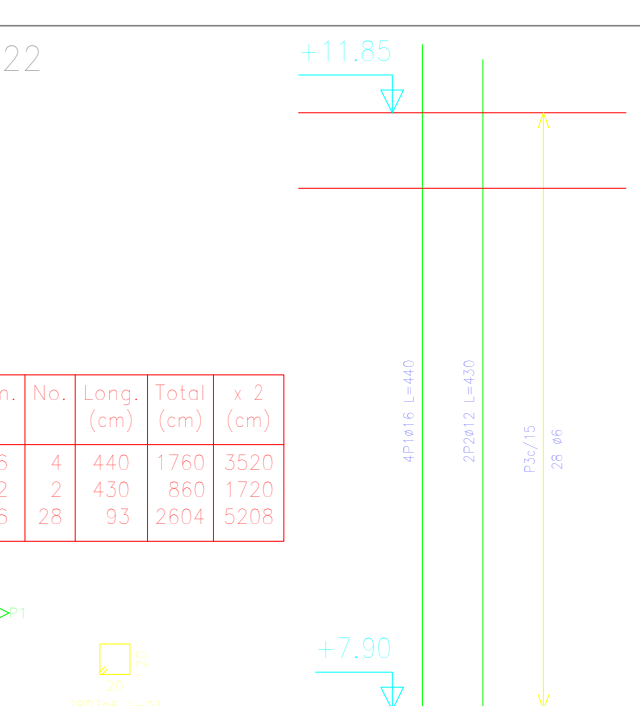
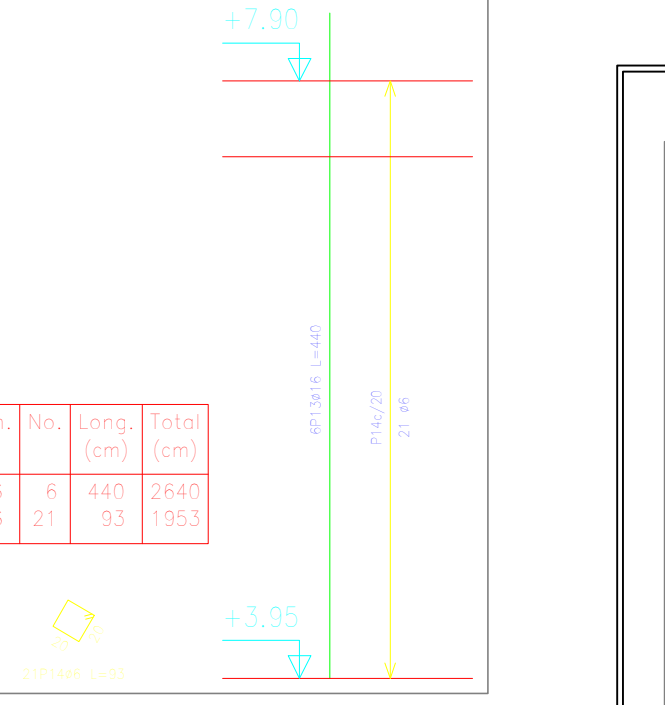
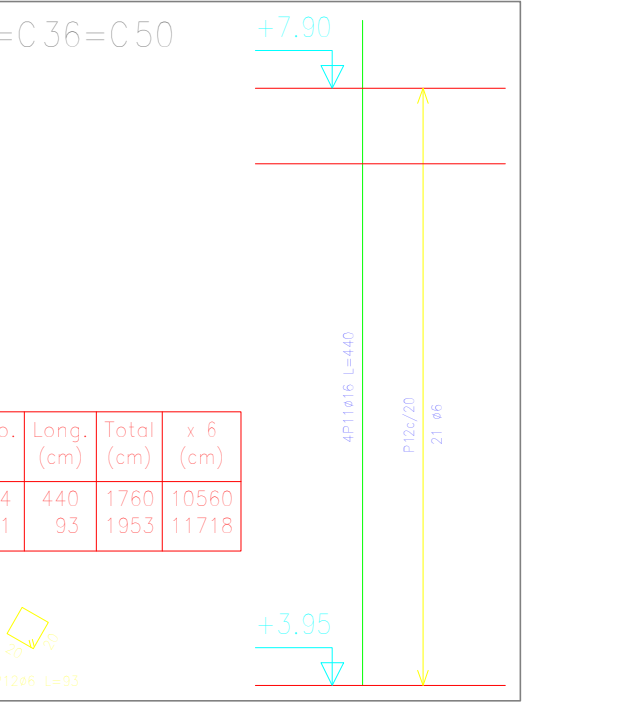
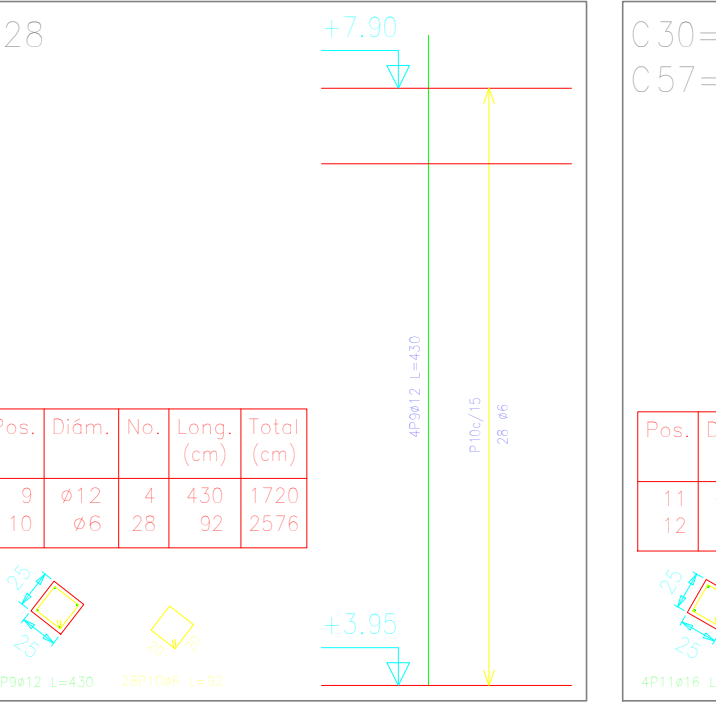
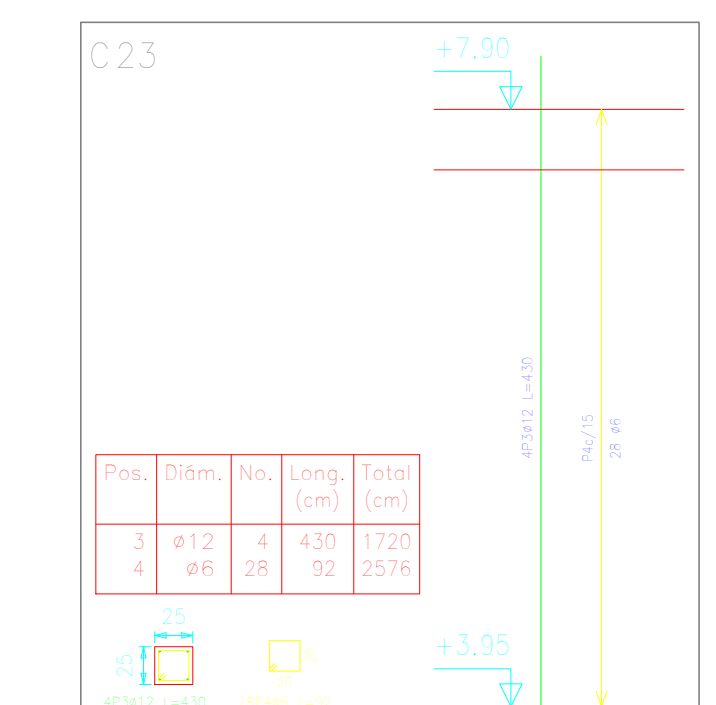
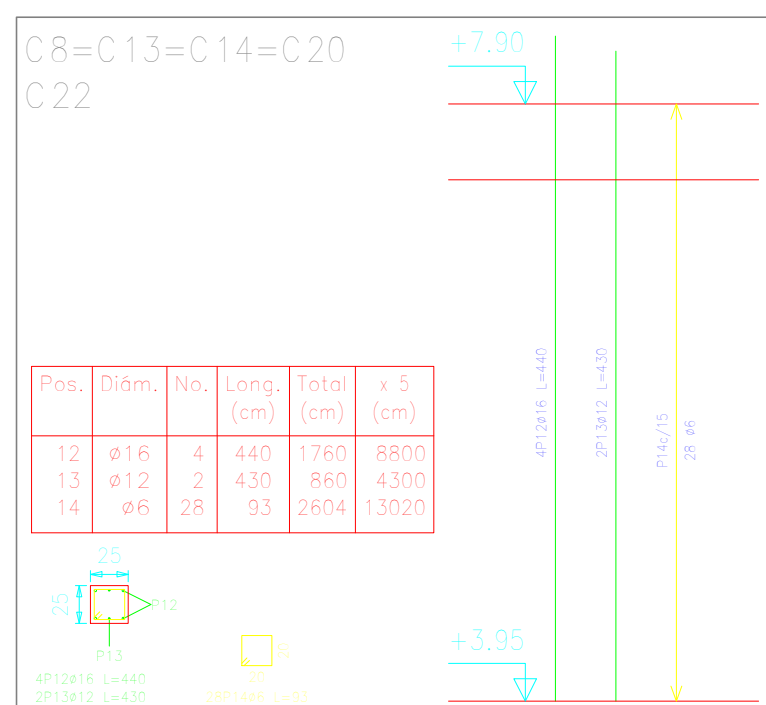
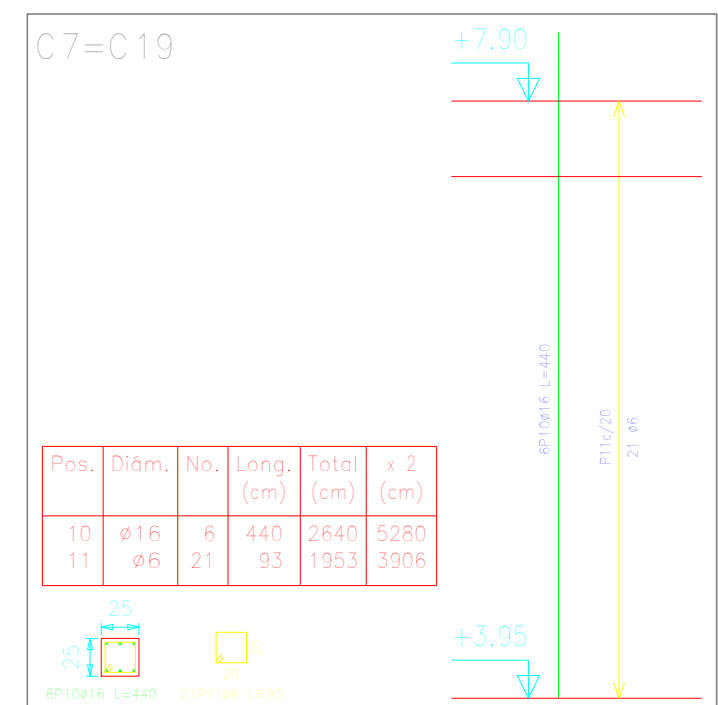
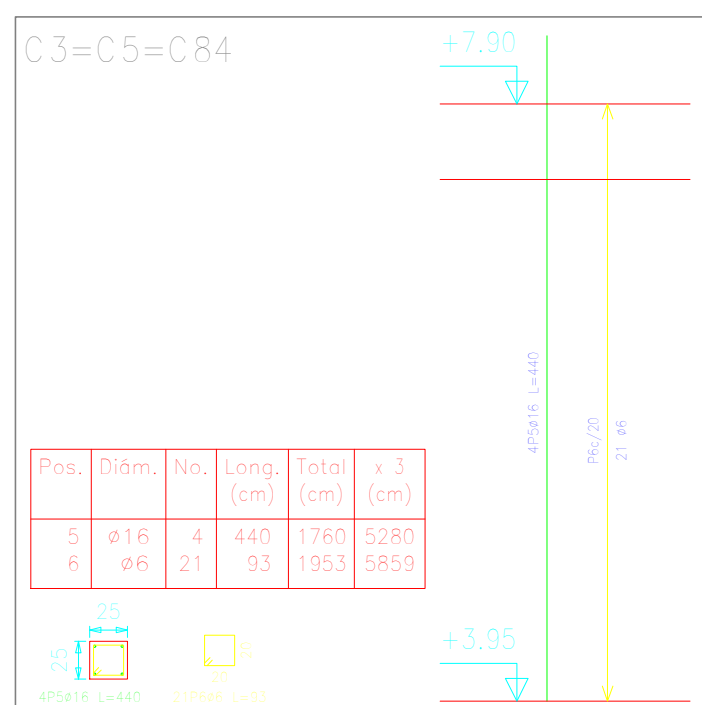
Resumen Acero Segundo Piso Pilares	Long. total (m)	Peso+10% (kg)	Total
AH-500CN #6	3148.3	524	
#12	1333.0	1302	
#16	651.2	1131	2957



Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.5
Columna	2	#12	4	2576	10304	12.5
Columna	3	#12	4	2576	10304	12.5
Columna	4	#12	4	2576	10304	12.5



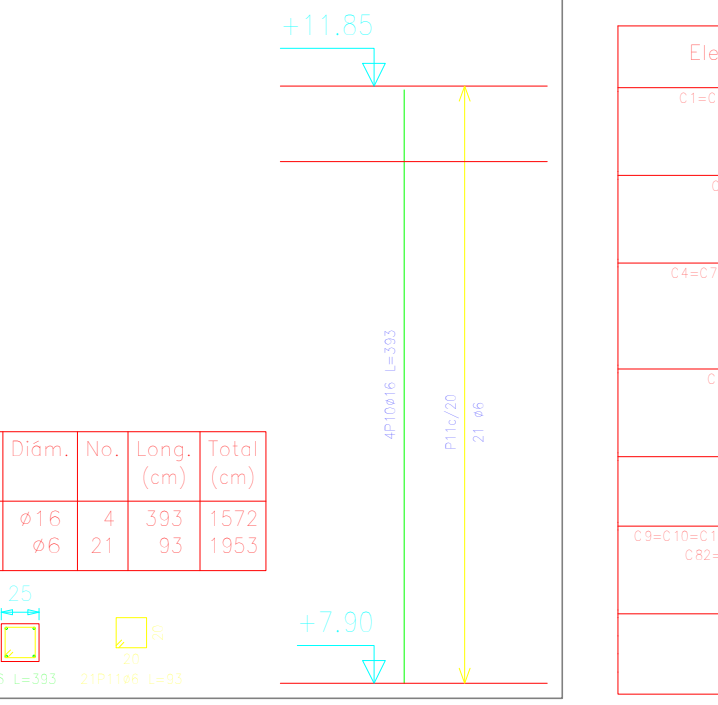
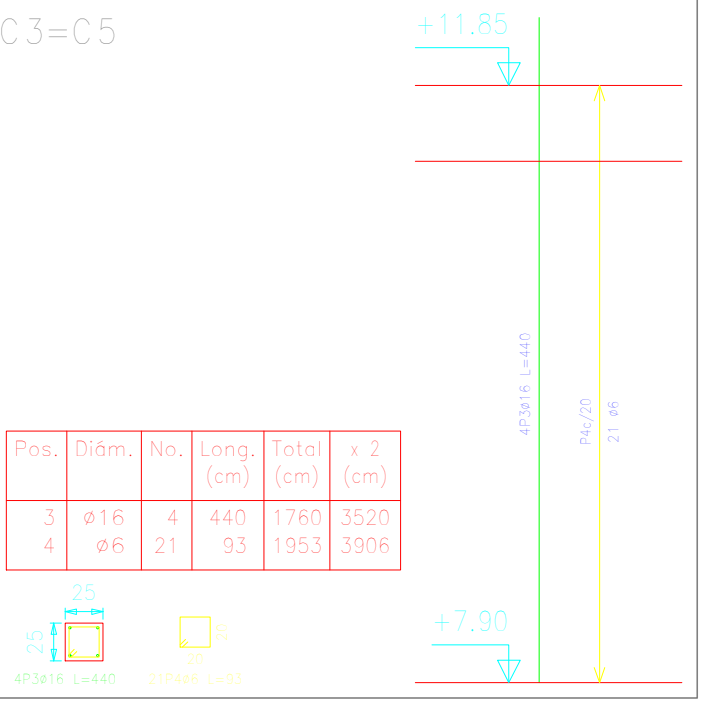
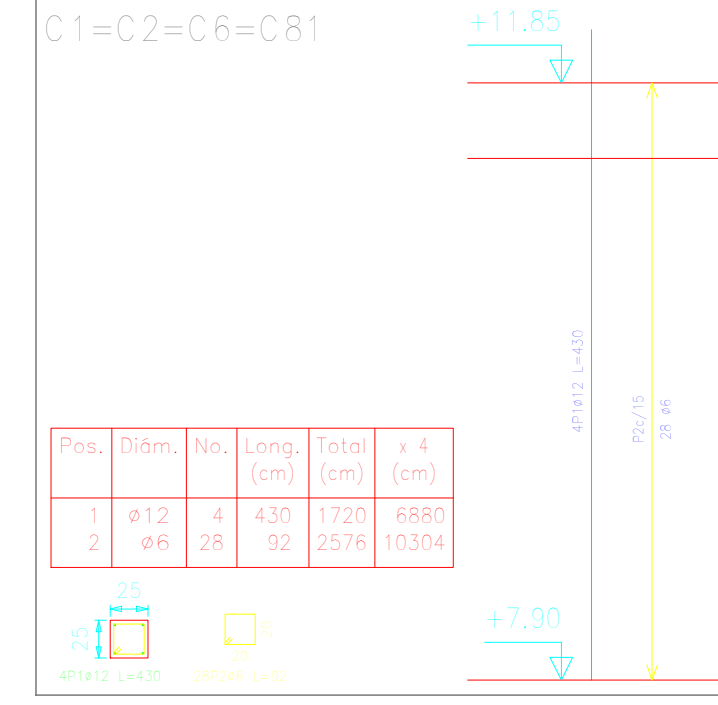
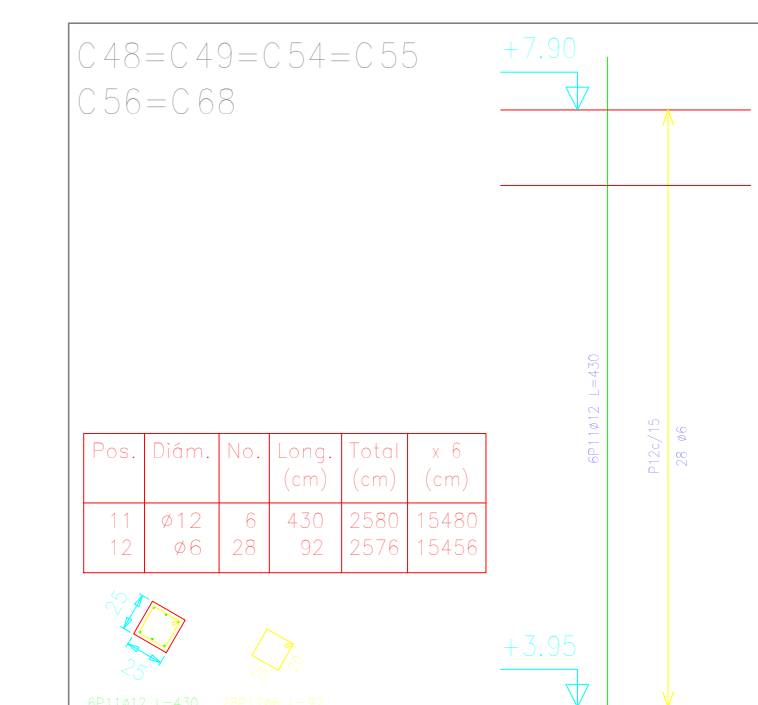
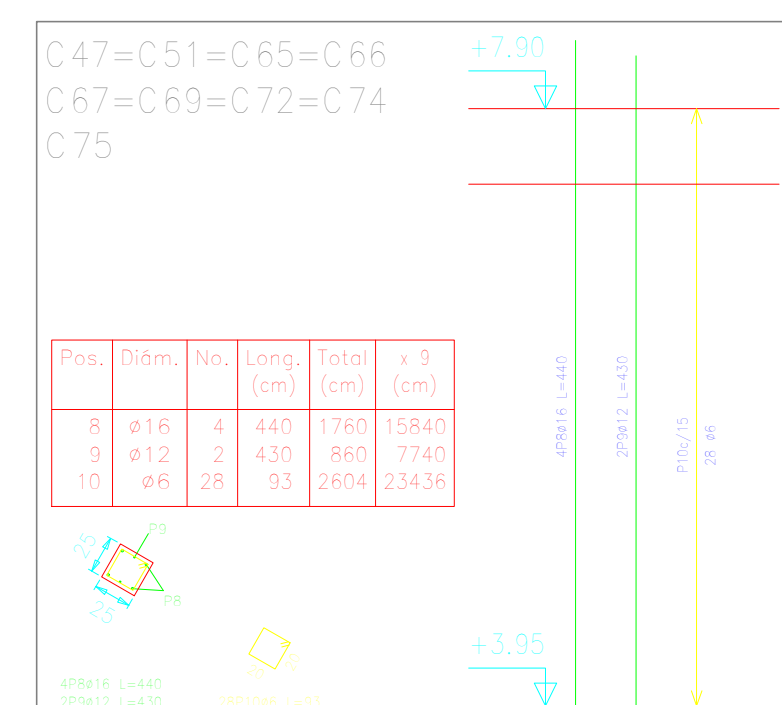
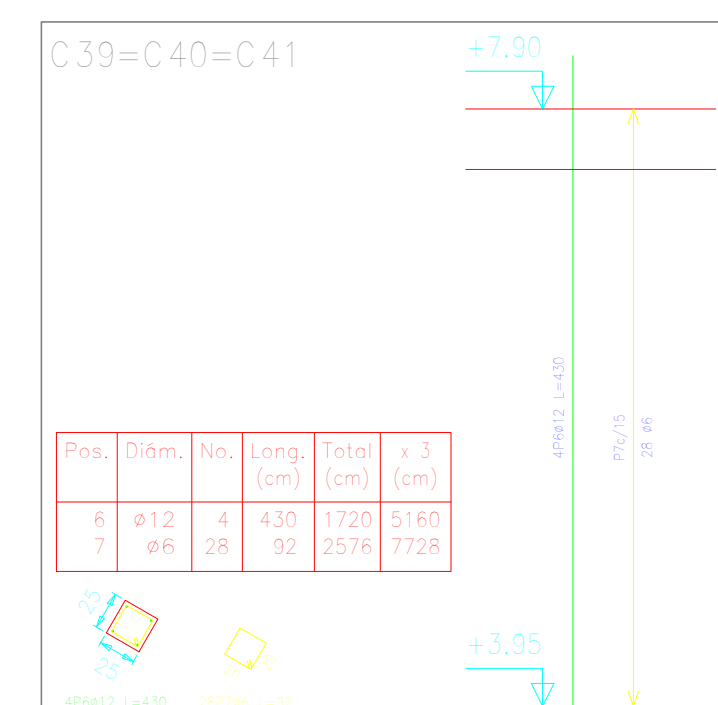
Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.5
Columna	2	#12	4	2576	10304	12.5
Columna	3	#12	4	2576	10304	12.5
Columna	4	#12	4	2576	10304	12.5



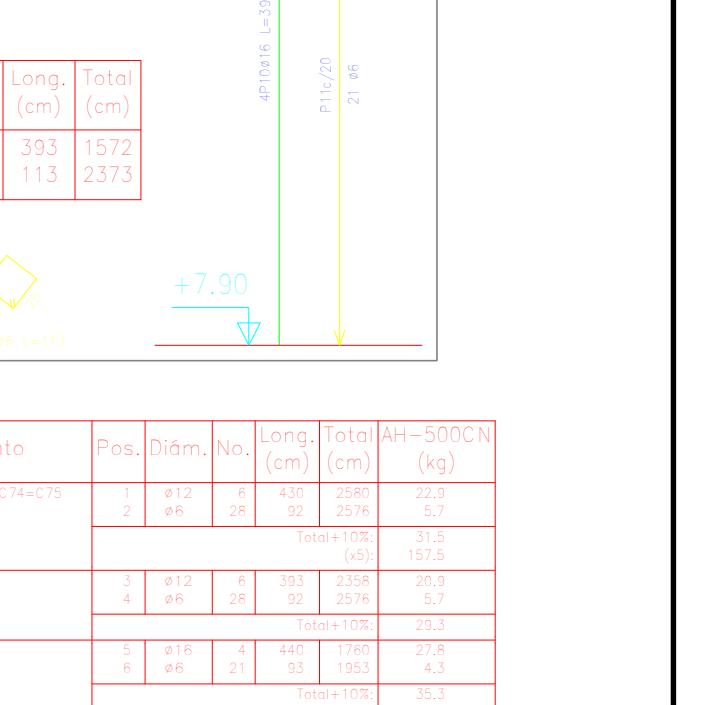
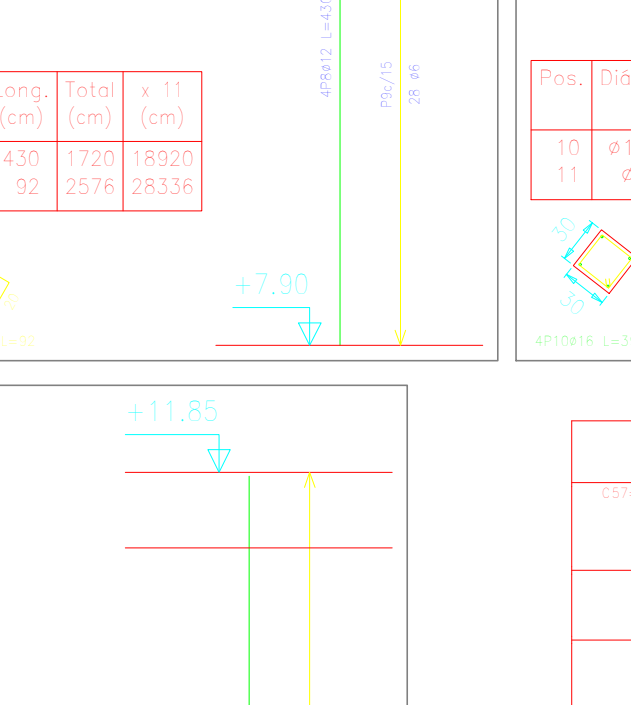
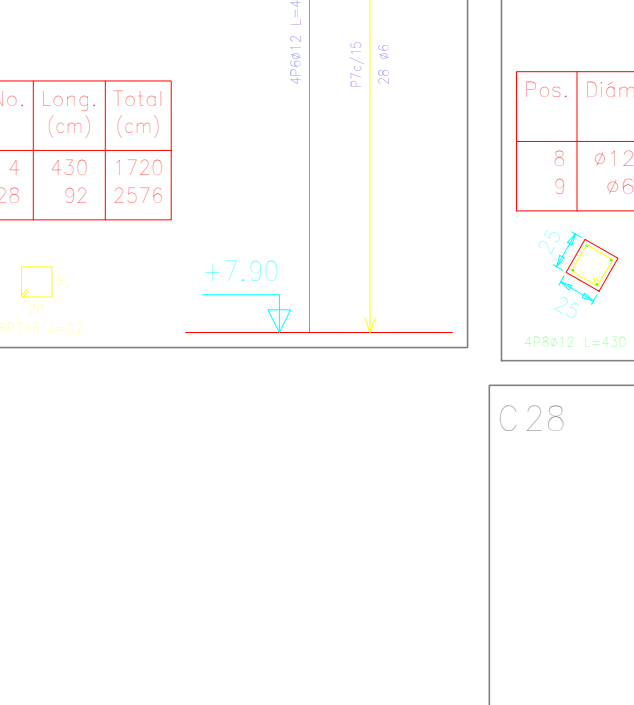
Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.5
Columna	2	#12	4	2576	10304	12.5
Columna	3	#12	4	2576	10304	12.5
Columna	4	#12	4	2576	10304	12.5

Pilares que terminan en Azotea
Hormigón: H-25 , Control Normal
Acero: AH-500 , Control Normal
Escala: 1:50

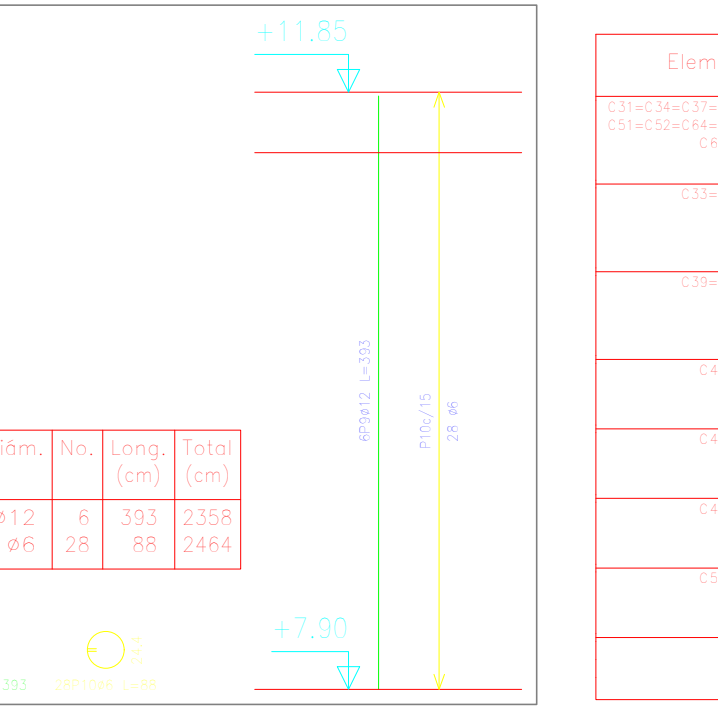
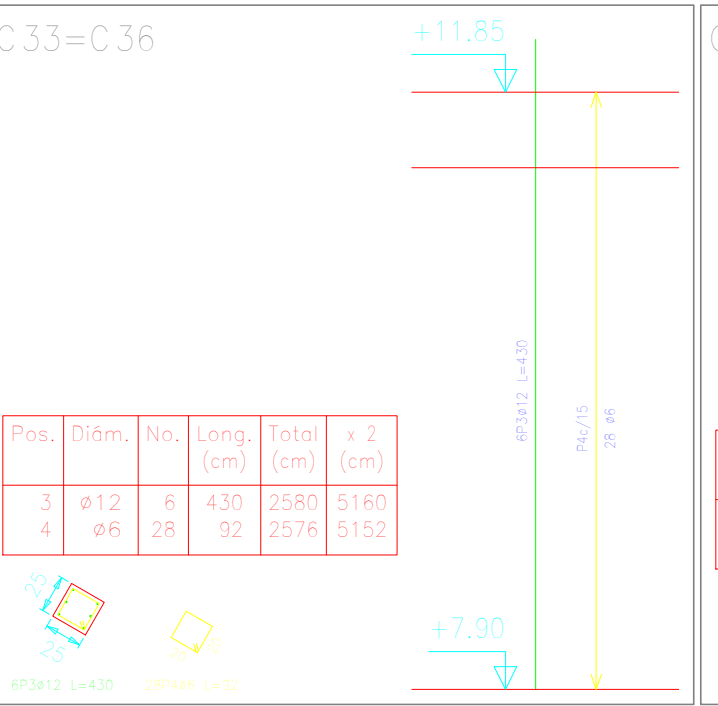
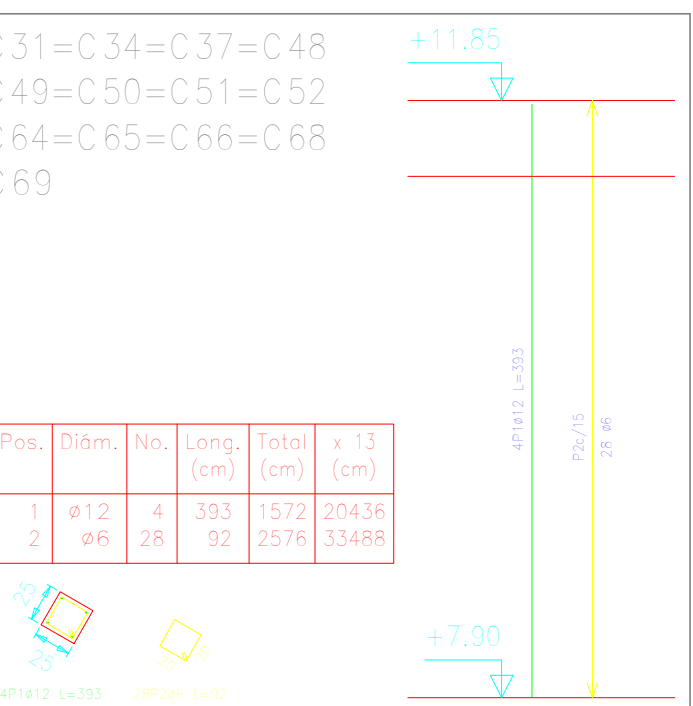
Resumen Acero Azotea Pilares	Long. total (m)	Peso+10% (kg)	Total
AH-500CN #6	3181.0	532	
#12	1538.7	1503	
#16	242.6	421	2456



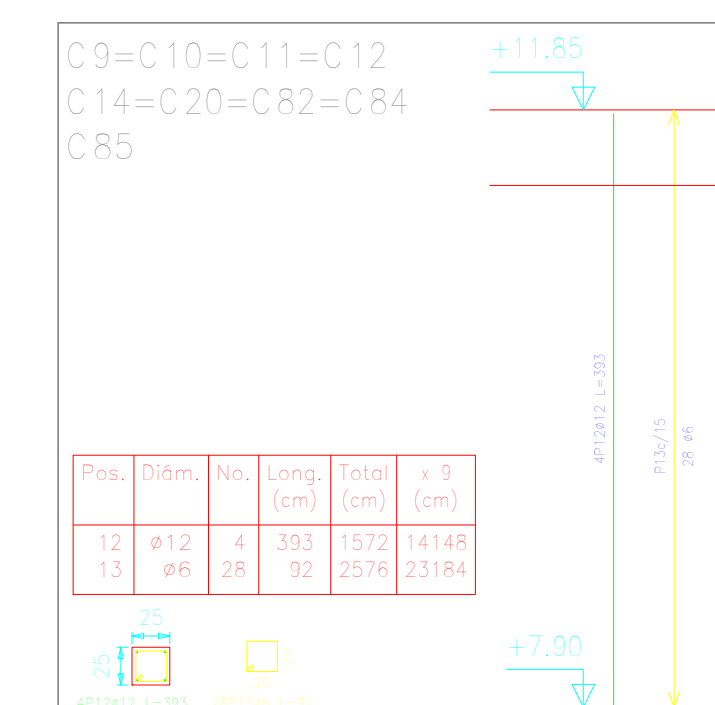
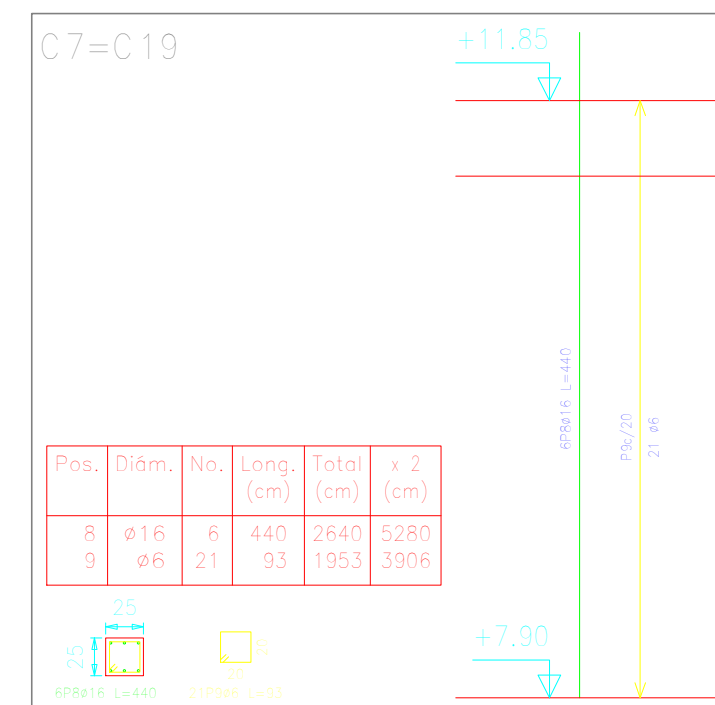
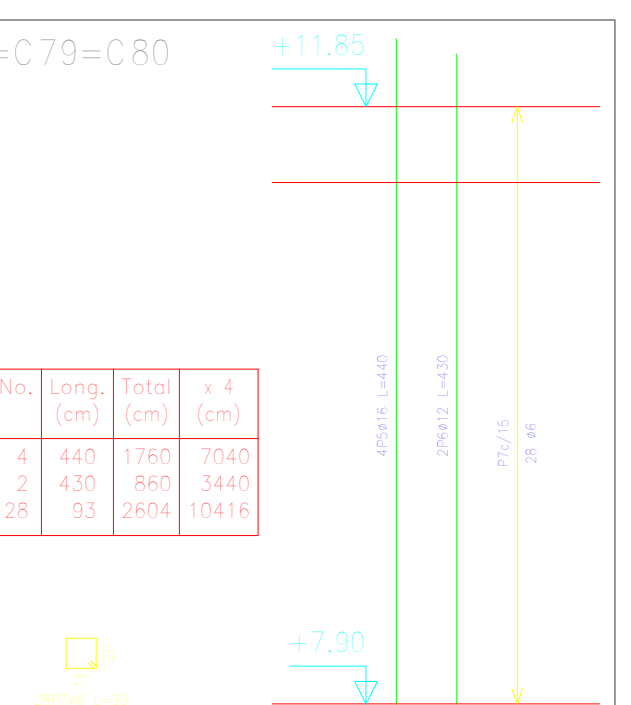
Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.5
Columna	2	#12	4	2576	10304	12.5
Columna	3	#12	4	2576	10304	12.5
Columna	4	#12	4	2576	10304	12.5



Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.5
Columna	2	#12	4	2576	10304	12.5
Columna	3	#12	4	2576	10304	12.5
Columna	4	#12	4	2576	10304	12.5



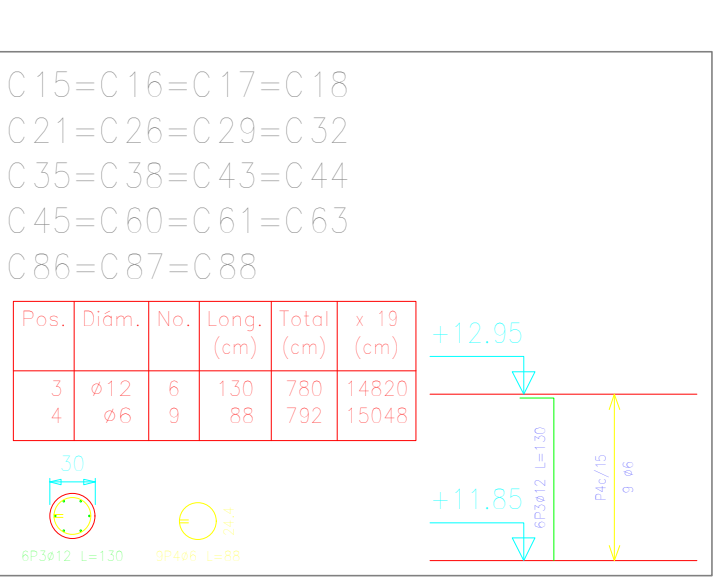
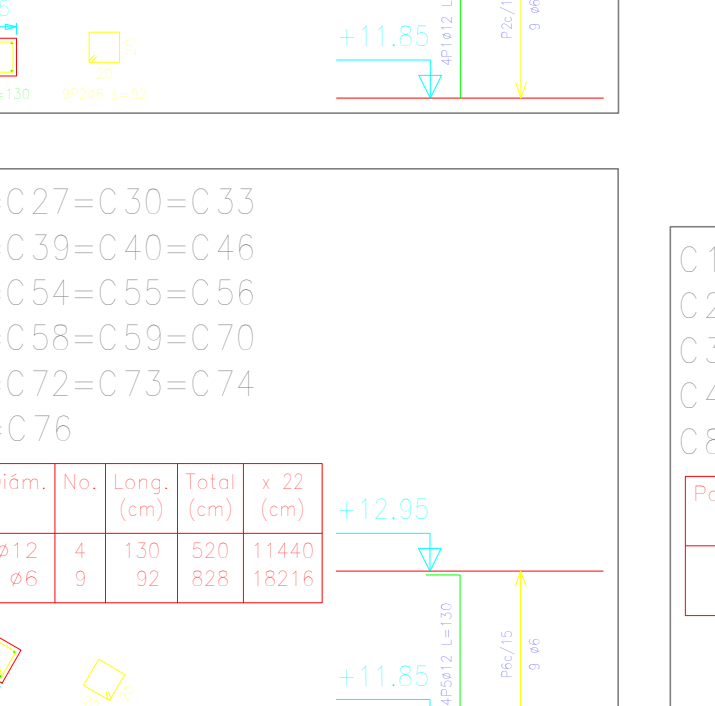
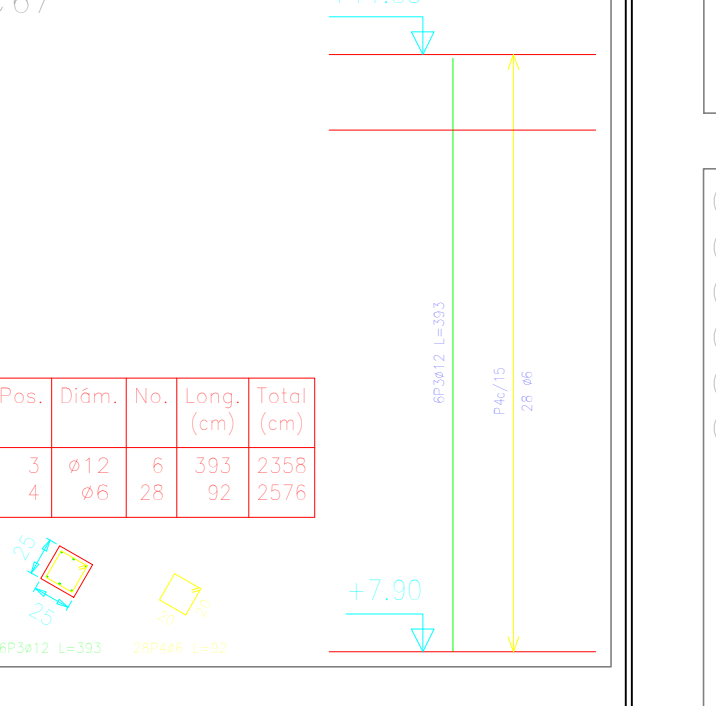
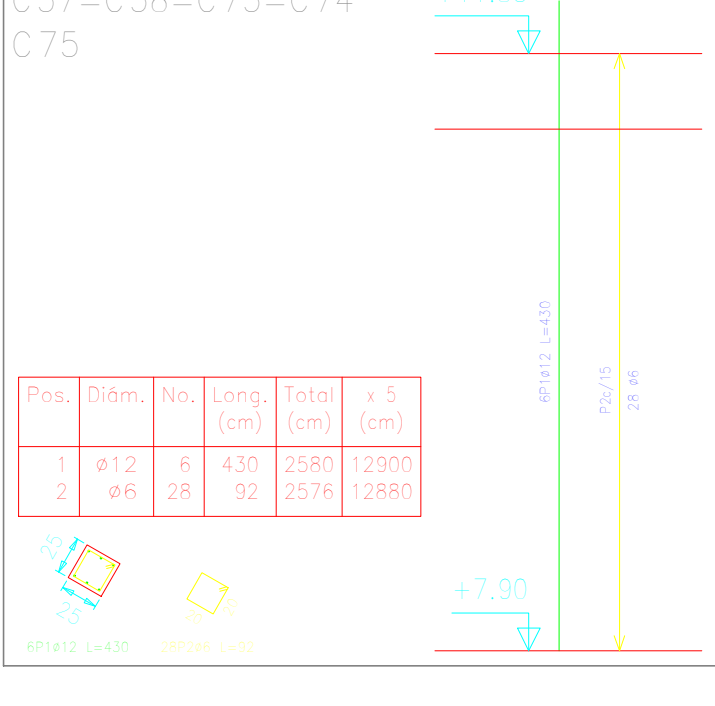
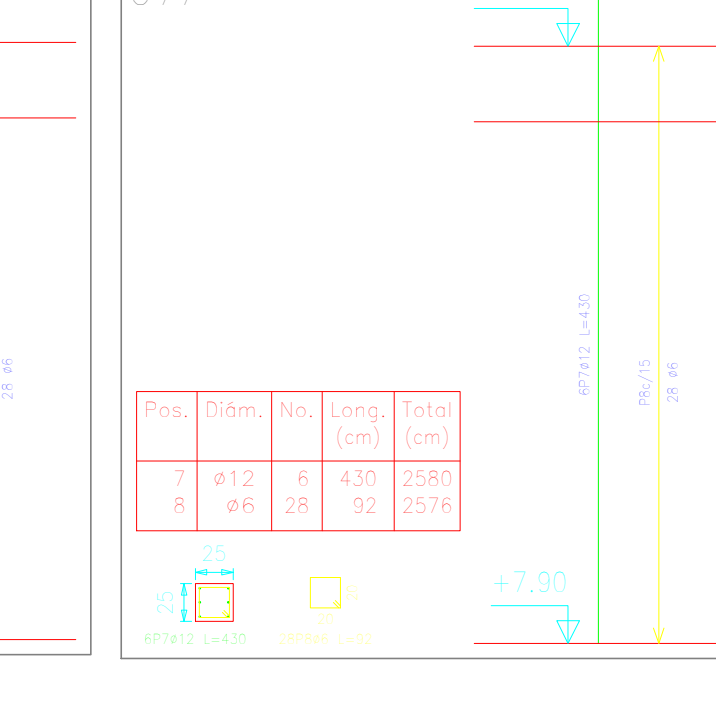
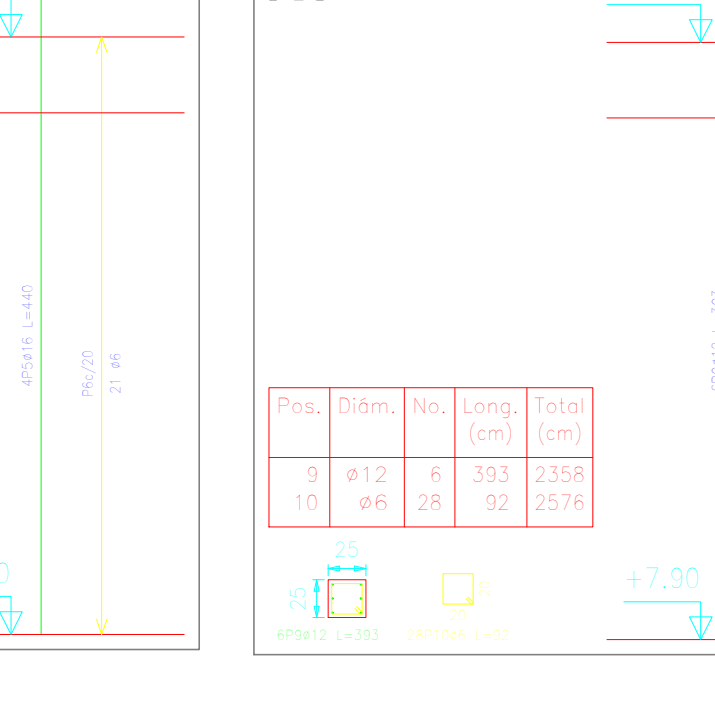
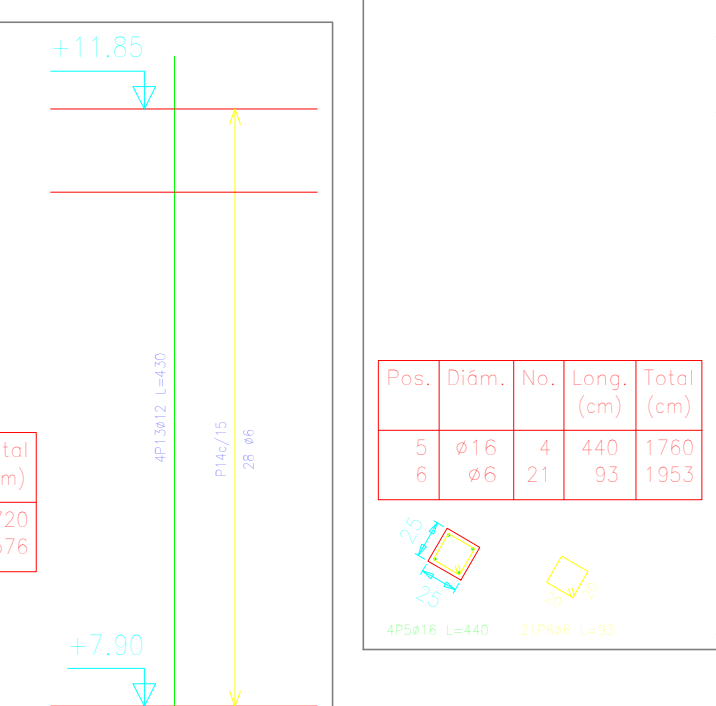
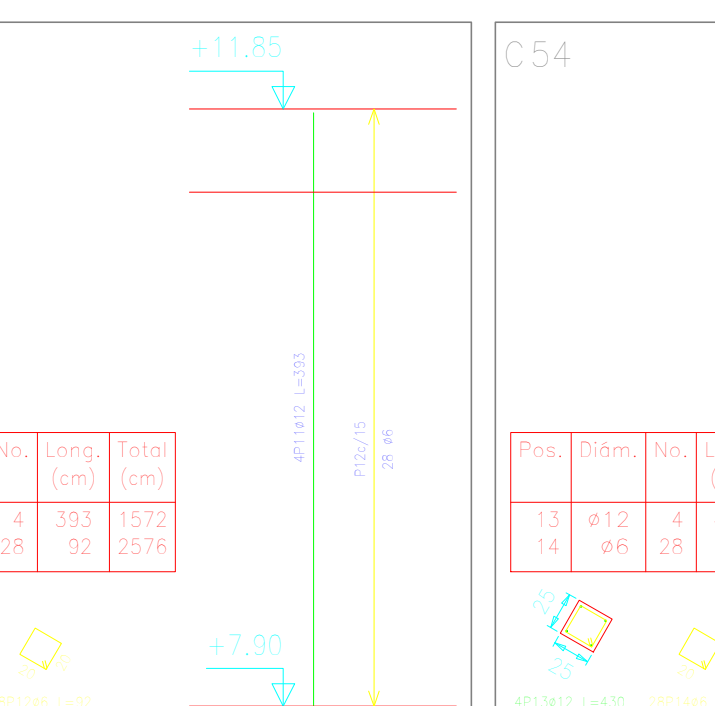
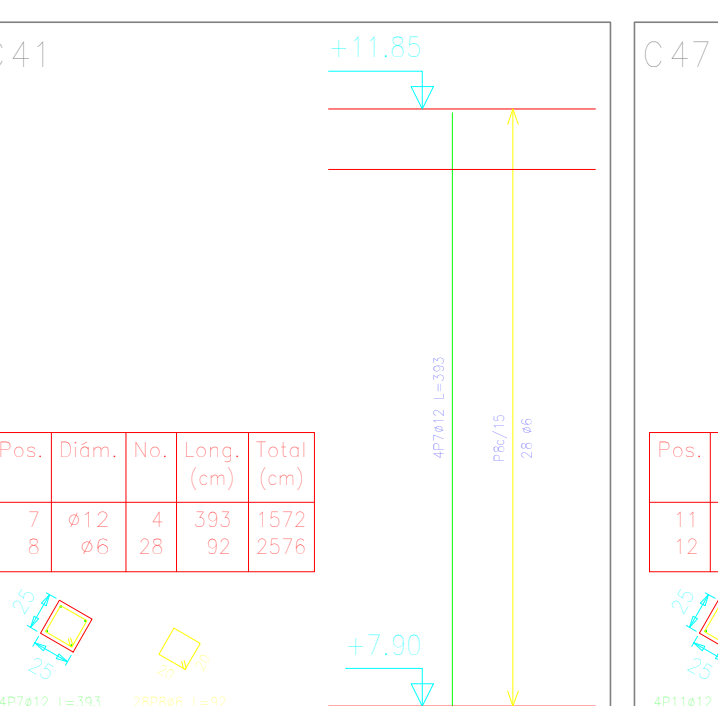
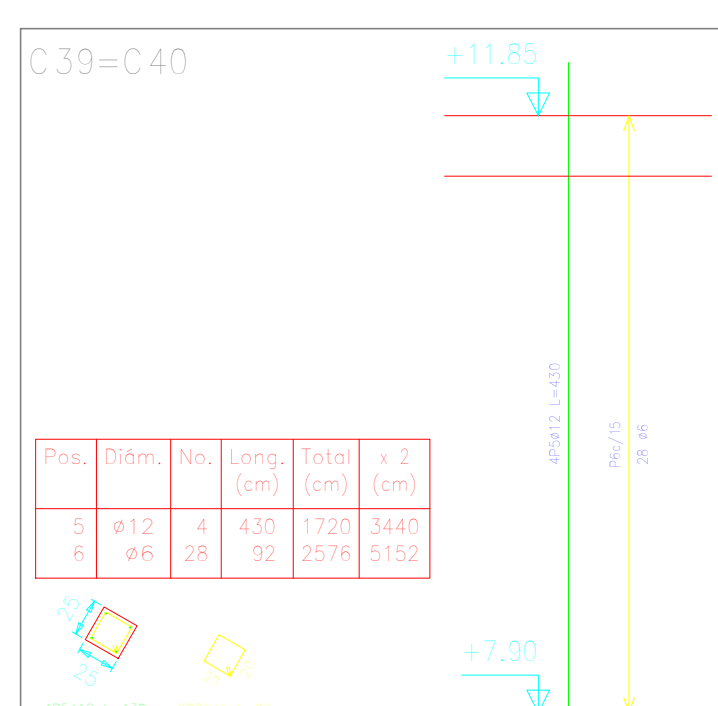
Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.5
Columna	2	#12	4	2576	10304	12.5
Columna	3	#12	4	2576	10304	12.5
Columna	4	#12	4	2576	10304	12.5



Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	Acero AH-500CN (kg)
Columna	1	#12	4	2576	10304	12.5
Columna	2	#12	4	2576	10304	12.5
Columna	3	#12	4	2576	10304	12.5
Columna	4	#12	4	2576	10304	12.5

Pilares que terminan en Parapeto azotea
Hormigón: H-25 , Control Normal
Acero: AH-500 , Control Normal
Escala: 1:50

Resumen Acero Parapeto azotea Pilares	Long. total (m)	Peso+10% (kg)	Total
AH-500CN #6	445.1	114	
#12	345.8	338	453



UNIVERSIDAD : JUAN MISAEL SARACHO

ENTIDAD : ALCALDIA MUNICIPAL DE LA PROVINCIA CERCADO

PROYECTO : DISEÑO ESTRUCTURAL DE LA NUEVA U.E. JORGE ARAOZ CAMPERO

UBICACION : CIUDAD DE TARIJA BARRIO LA LOMA

ASIGNATURA : CIV-502 PROYECTO DE INGENIERIA CIVIL II

LAMINA :

CARRERA : ING.CIVIL

DESCRIPCION : DESPIECE DE COLUMNAS

ESCALA : 1:50

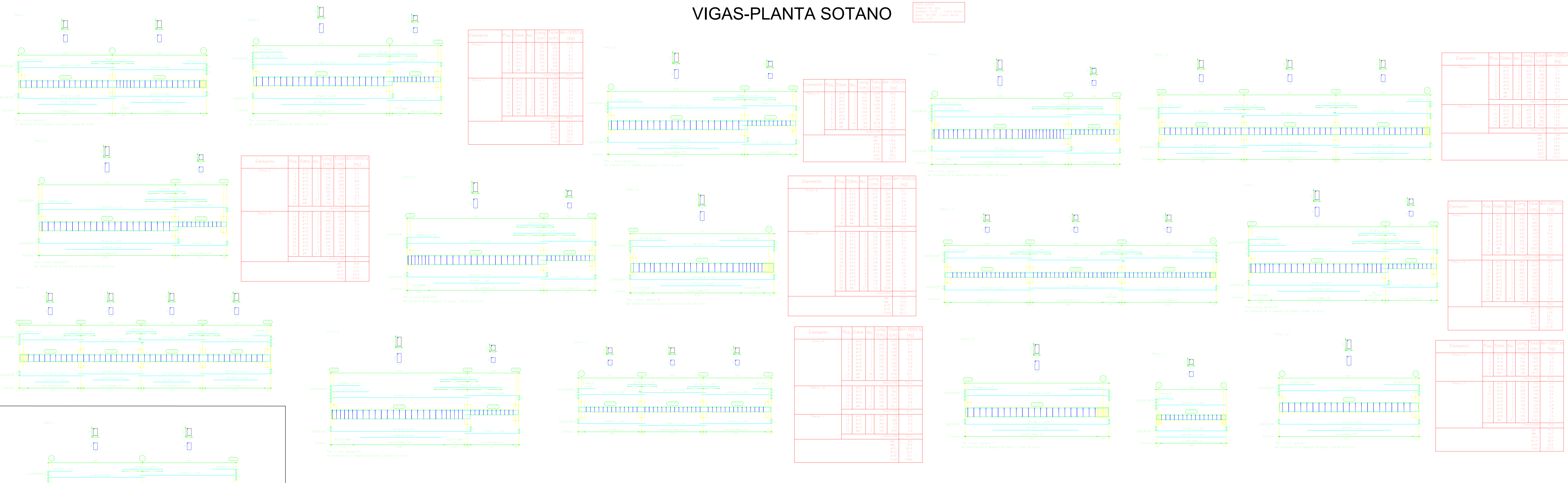
FECHA : TARIJA SEPTIEMBRE DE 2019

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9/22

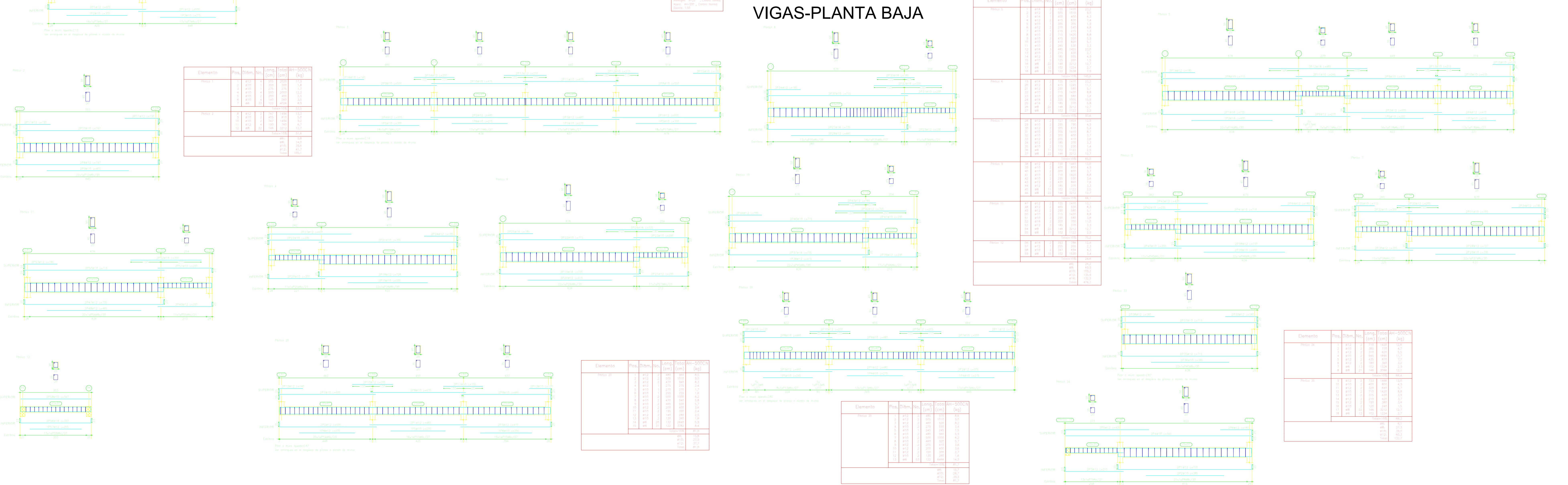
VIGAS-PLANTA SOTANO

Elaborado por: JUAN MISAE SARACHO
Revisado por: JUAN MISAE SARACHO
Aprobado por: JUAN MISAE SARACHO



VIGAS-PLANTA BAJA

Elaborado por: JUAN MISAE SARACHO
Revisado por: JUAN MISAE SARACHO
Aprobado por: JUAN MISAE SARACHO



UNIVERSIDAD : JUAN MISAE SARACHO

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UBICACION : CIUDAD DE TARIJA BARRIO LA LOMA

ASIGNATURA : CIV-502 PROYECTO DE INGENIERIA CIVIL II

LAMINA :

CARRERA : ING.CIVIL

DESCRIPCION : DESPIECE DE VIGAS

ESCALA : 1:75

FECHA : TARIJA SEPTIEMBRE DE 2019

UNIVERSITARIO : FARFÁN FIGUEROA GONZALO

10/22

