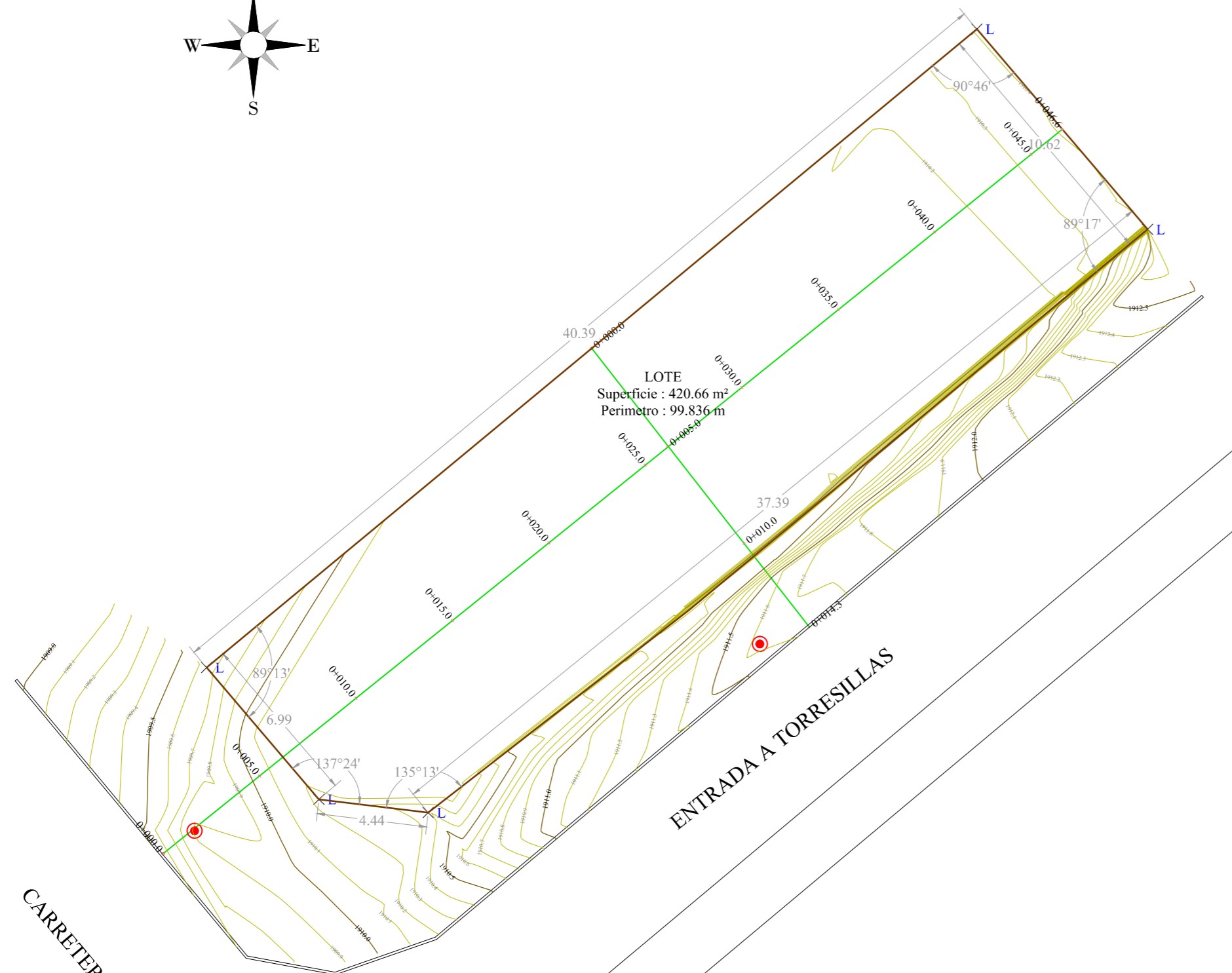
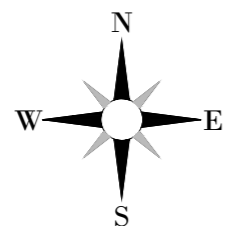


A.1. Levantamiento topográfico

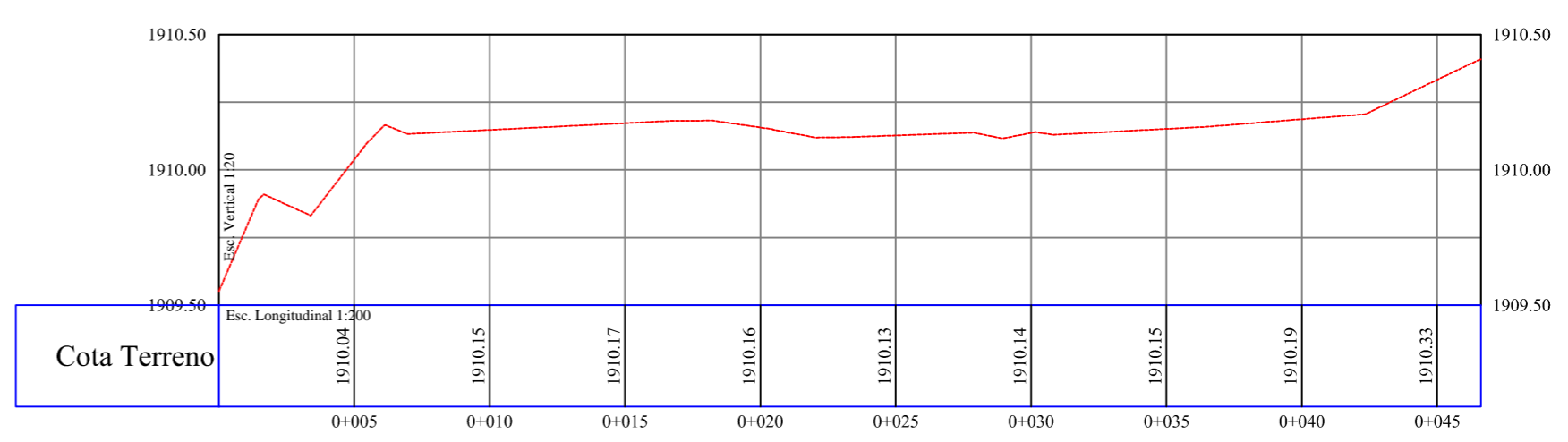
PLANO EN PLANTA



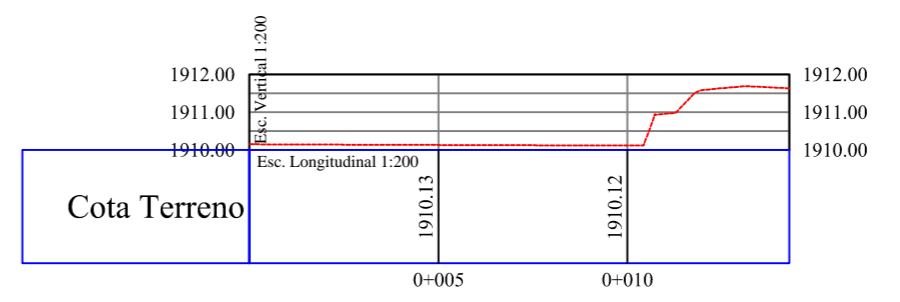
COORDENADAS GEOGRAFICAS
SISTEMA GEOREFERENCIACIÓN PROYECTADO
WGS 84 UTM ZONA 20 SUD

TABLA DE PUNTOS				
Nº PUNTO	ELEVACIÓN	NORTE	ESTE	DESCRIPCIÓN
20	1909.65	7615094.72	325769.14	L
21	1910.22	7615089.40	325773.68	L
34	1910.34	7615088.86	325778.09	L
75	1910.40	7615112.42	325807.12	L
97	1910.41	7615120.50	325800.23	L

PERFIL LONGITUDINAL

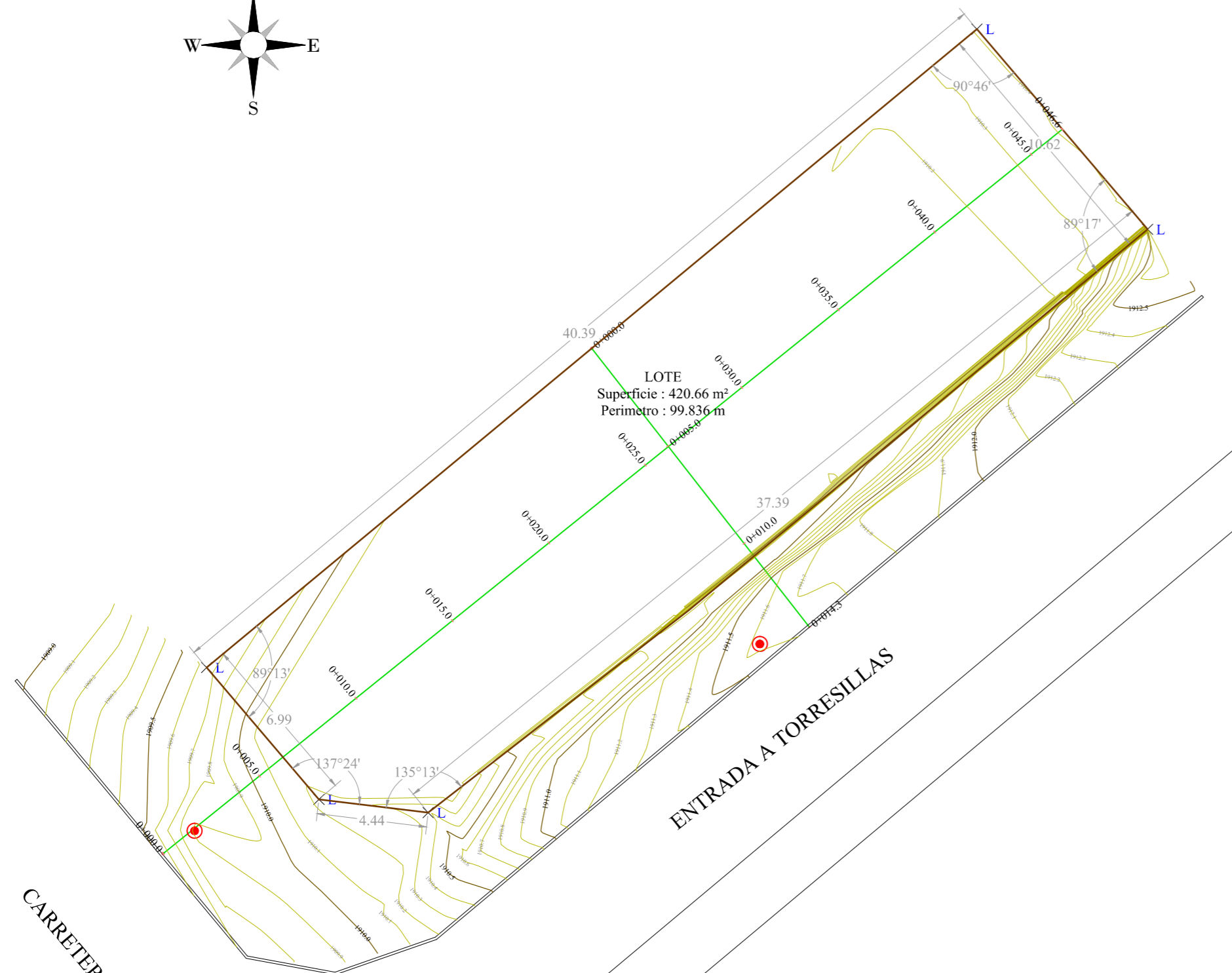
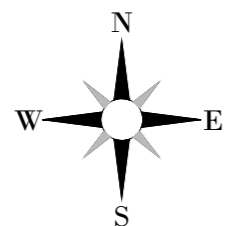


PERFIL TRANSVERSAL



UNIVERSIDAD AUTONOMA JUAN MISAEL SARACHO FACULTAD DE CIENCIAS Y TECNOLOGIA CARRERA DE INGENIERIA CIVIL	
PLANO : LEVANTAMIENTO PERIMETRAL	
EJECUTÓ: Universitaria: Kelly Mendez	LAMINA: UNICA
DEPARTAMENTO : TARIJA	
PROVINCIA : CERCADO	ESCALA : 1:200
MUNICIPIO : TARIJA	FECHA : Tja / JULIO / 2023
DATUM : WGS84	SISTEMA DE PROYECCIÓN : UTM
HEMISFERIO : SUD-ZONA : 20	

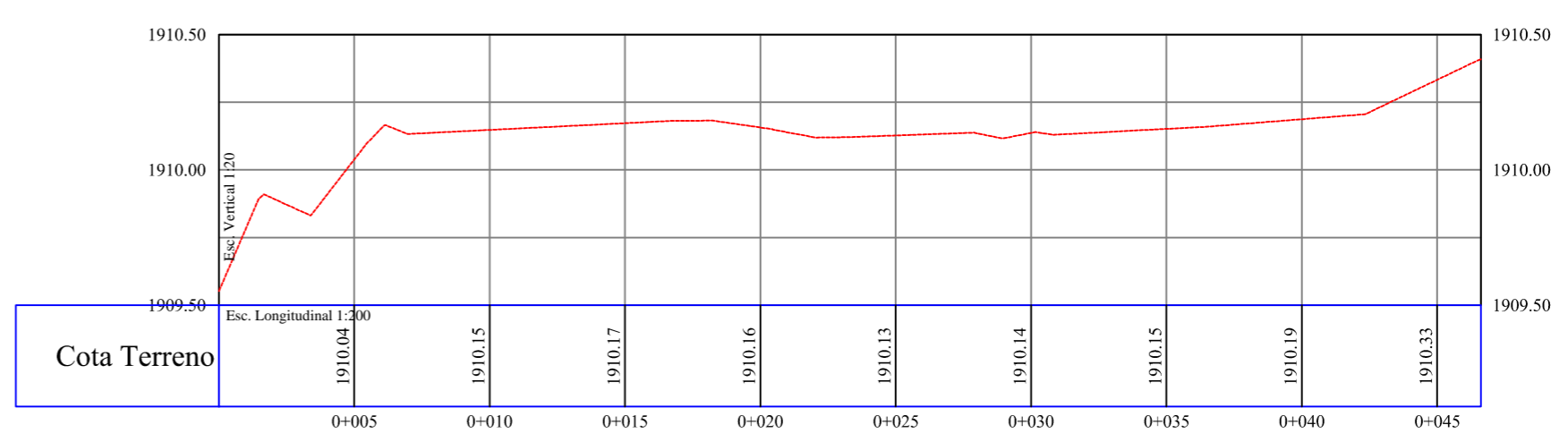
PLANO EN PLANTA



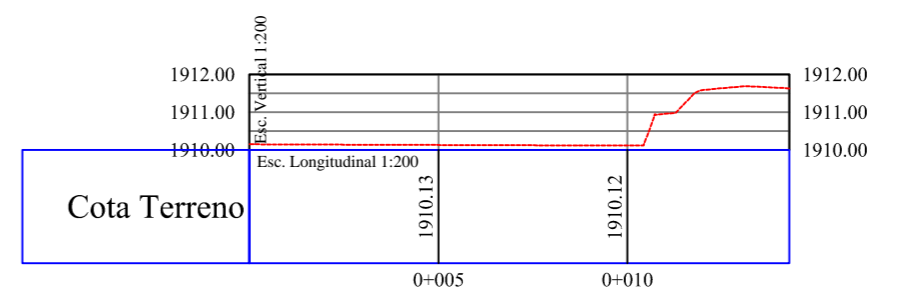
COORDENADAS GEOGRAFICAS
SISTEMA GEOREFERENCIACIÓN PROYECTADO
WGS 84 UTM ZONA 20 SUD

TABLA DE PUNTOS				
Nº PUNTO	ELEVACIÓN	NORTE	ESTE	DESCRIPCIÓN
20	1909.65	7615094.72	325769.14	L
21	1910.22	7615089.40	325773.68	L
34	1910.34	7615088.86	325778.09	L
75	1910.40	7615112.42	325807.12	L
97	1910.41	7615120.50	325800.23	L

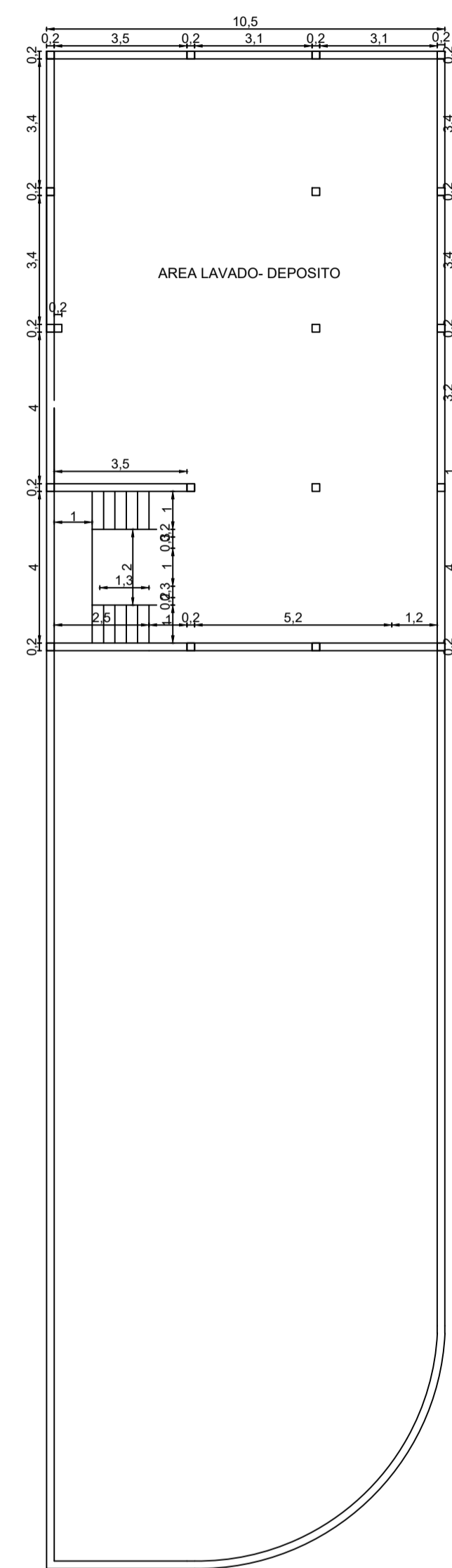
PERFIL LONGITUDINAL



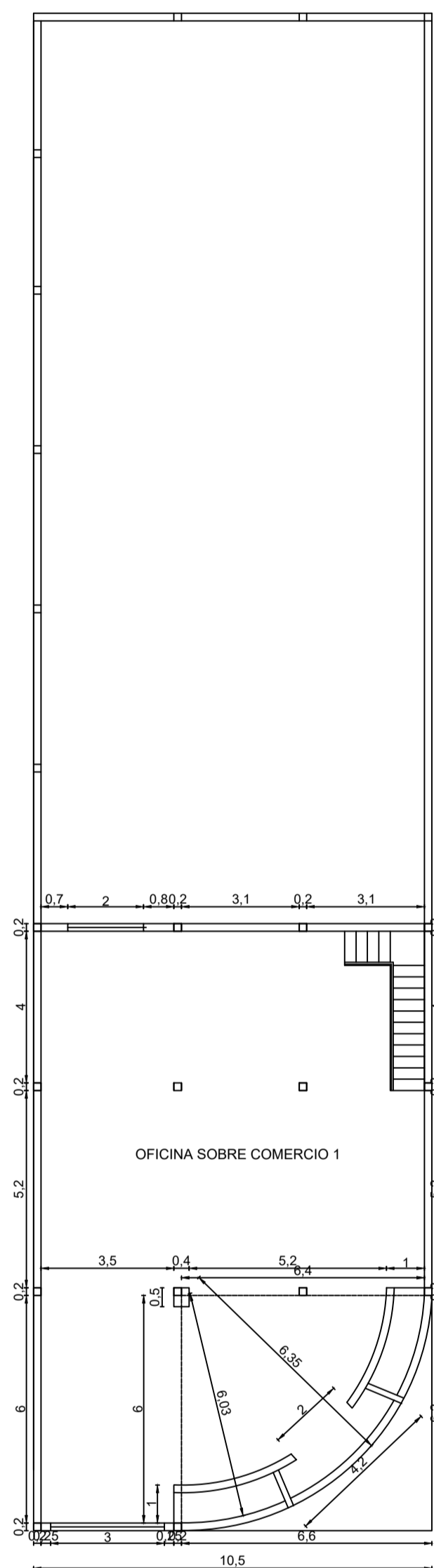
PERFIL TRANSVERSAL



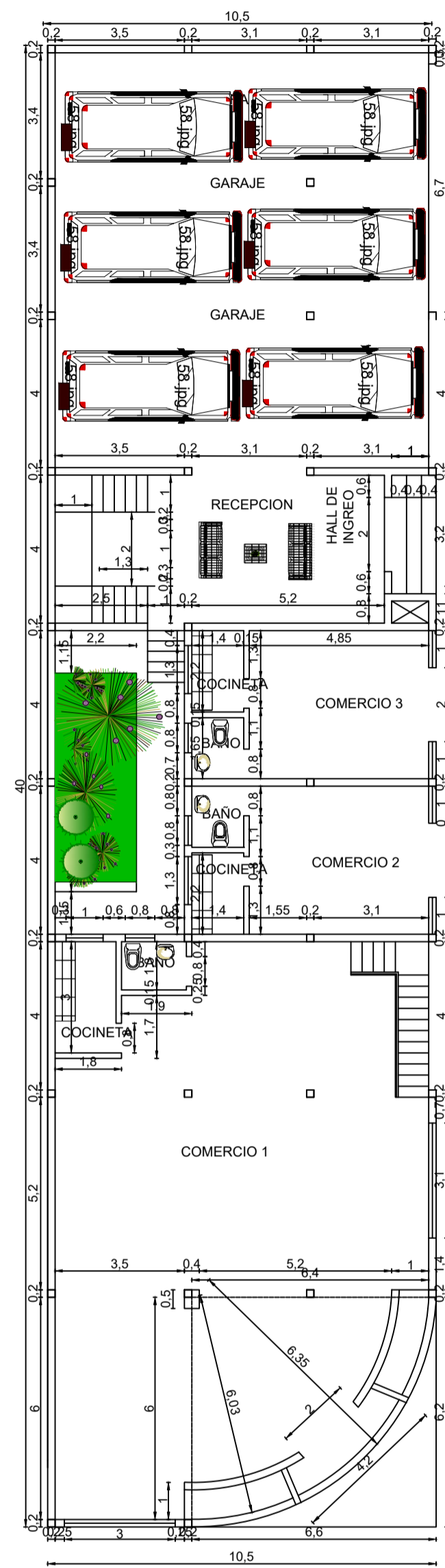
UNIVERSIDAD AUTONOMA JUAN MISAEL SARACHO FACULTAD DE CIENCIAS Y TECNOLOGIA CARRERA DE INGENIERIA CIVIL	
PLANO : LEVANTAMIENTO PERIMETRAL	
EJECUTÓ: Universitaria: Kelly Mendez	LAMINA: UNICA
DEPARTAMENTO : TARIJA	
PROVINCIA : CERCADO	ESCALA : 1:200
MUNICIPIO : TARIJA	FECHA : Tja / JULIO / 2023
DATUM : WGS84	SISTEMA DE PROYECCIÓN : UTM
HEMISFERIO : SUD-ZONA : 20	



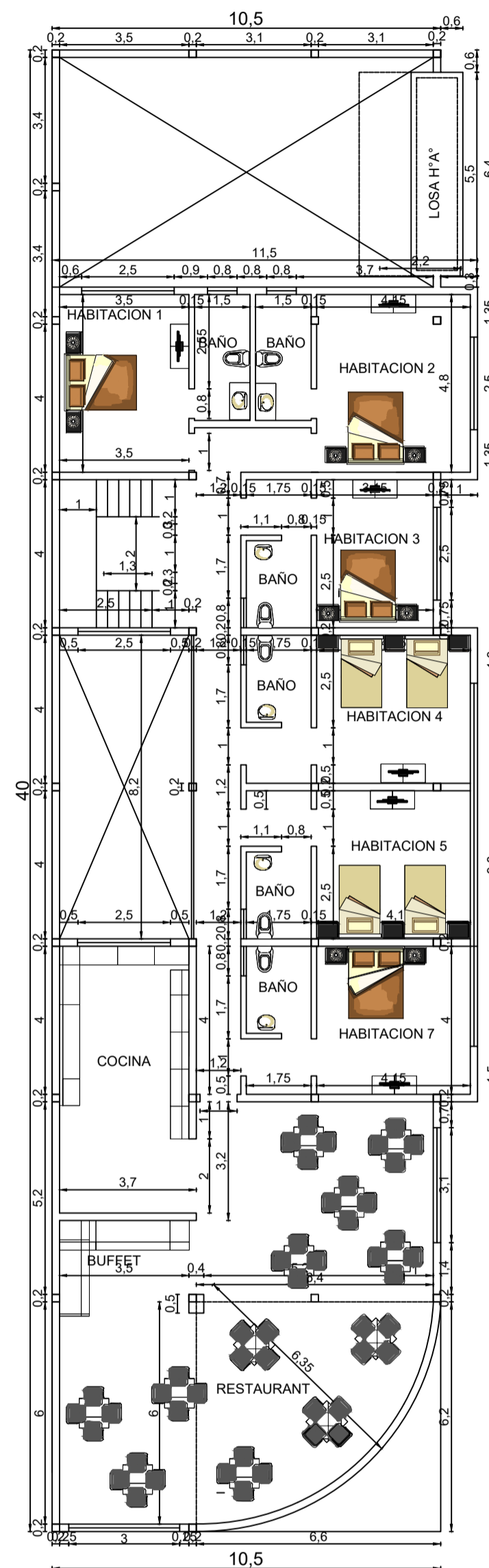
SUB SUELO ESCALA 1:100



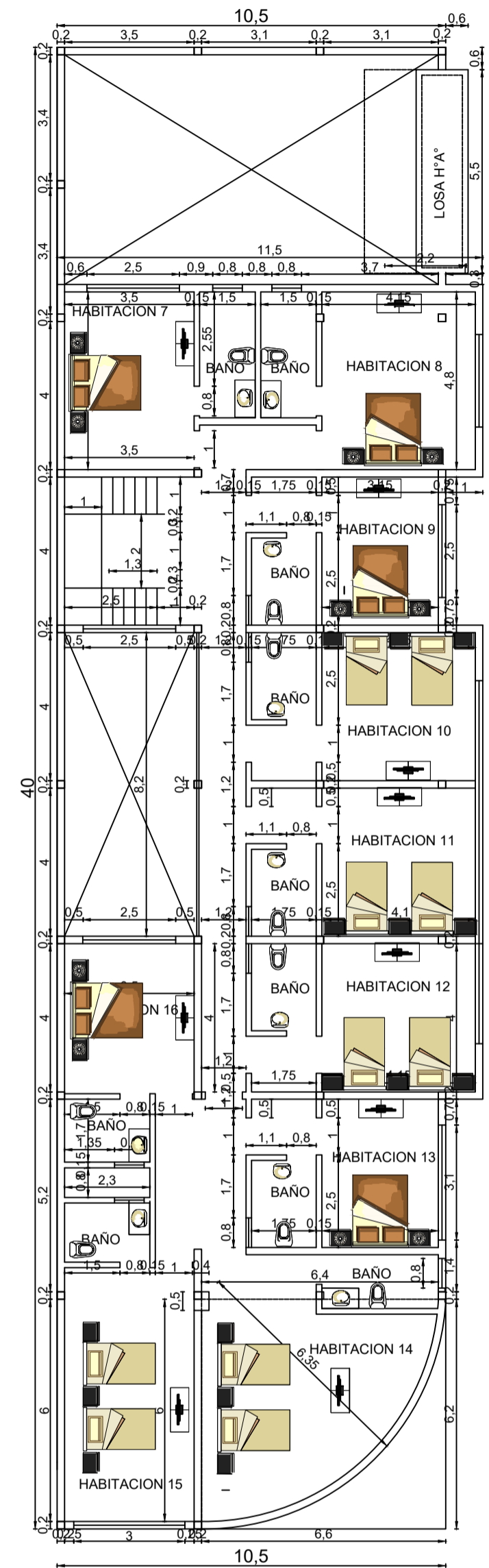
MEZZANINE ESCALA 1:100



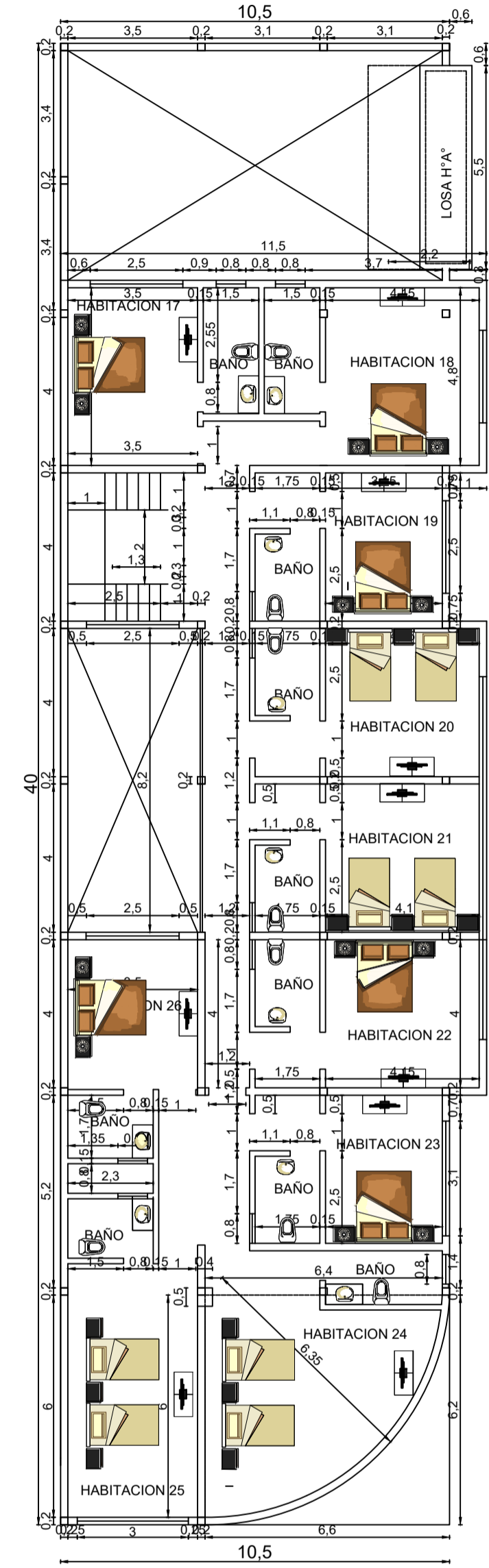
PLANTA BAJA ESCALA 1:100



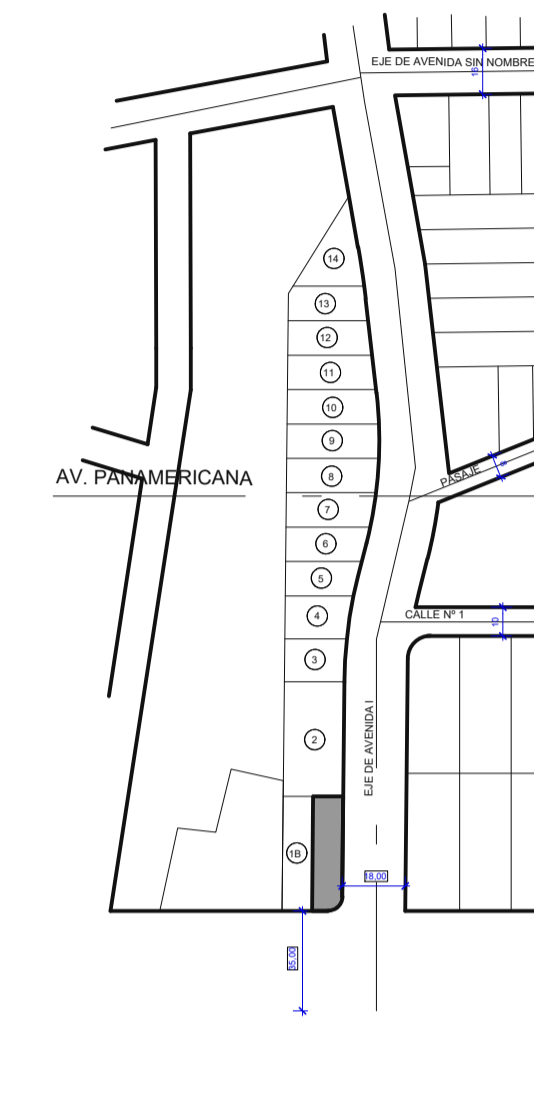
PRIMER PISO ESCALA 1:100



SEGUNDO PISO ESCALA 1:100

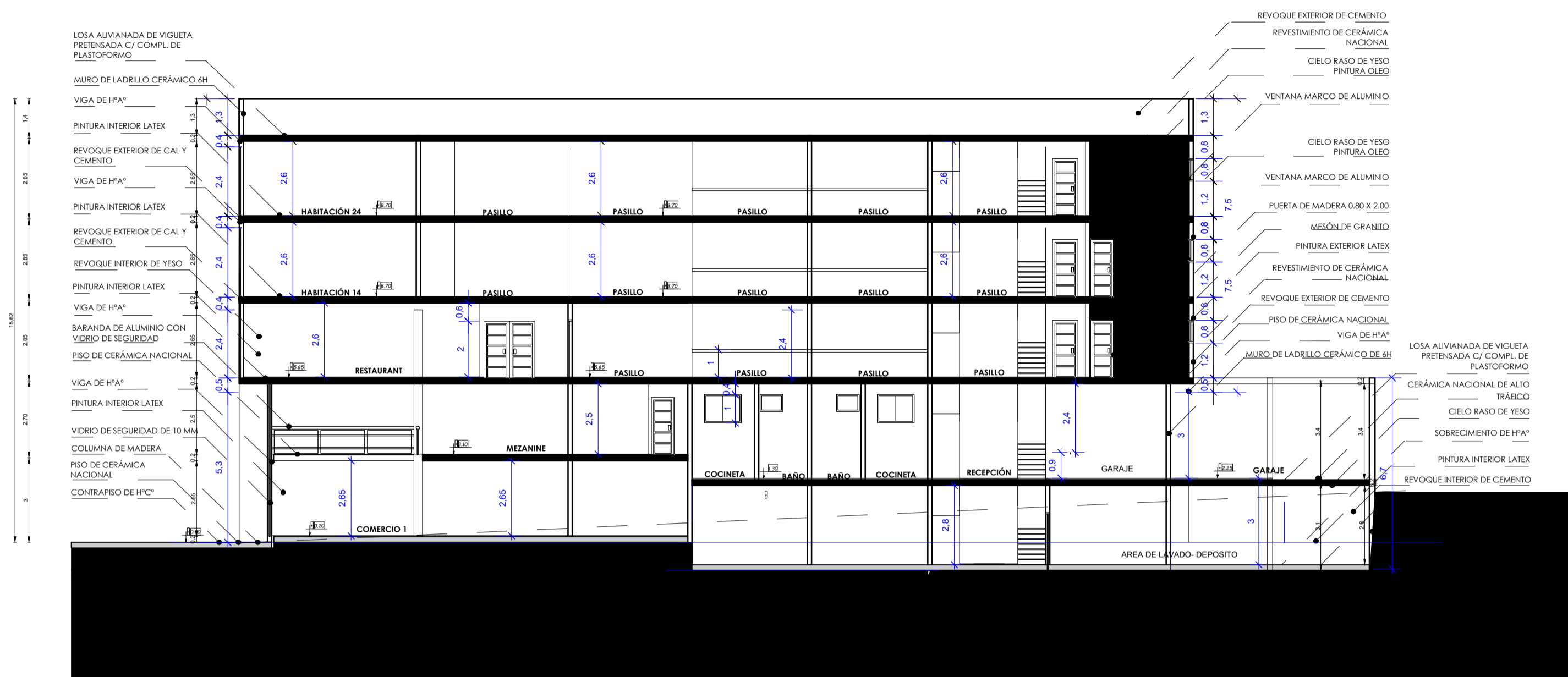


TERCER PISO ESCALA 1:100

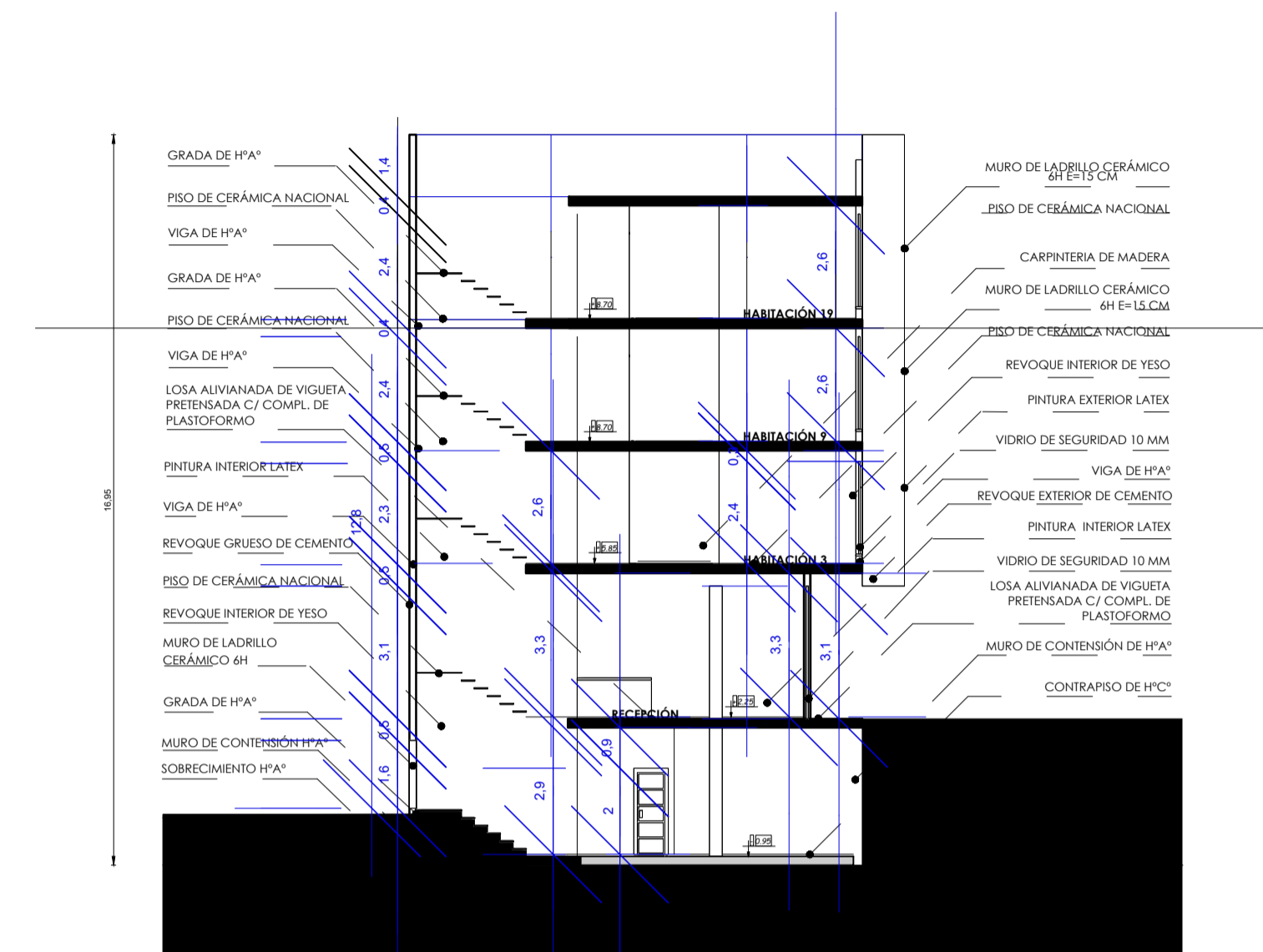


UBICACION DEL LOTE EN EL MANANTIAL ESCALA 1:1000

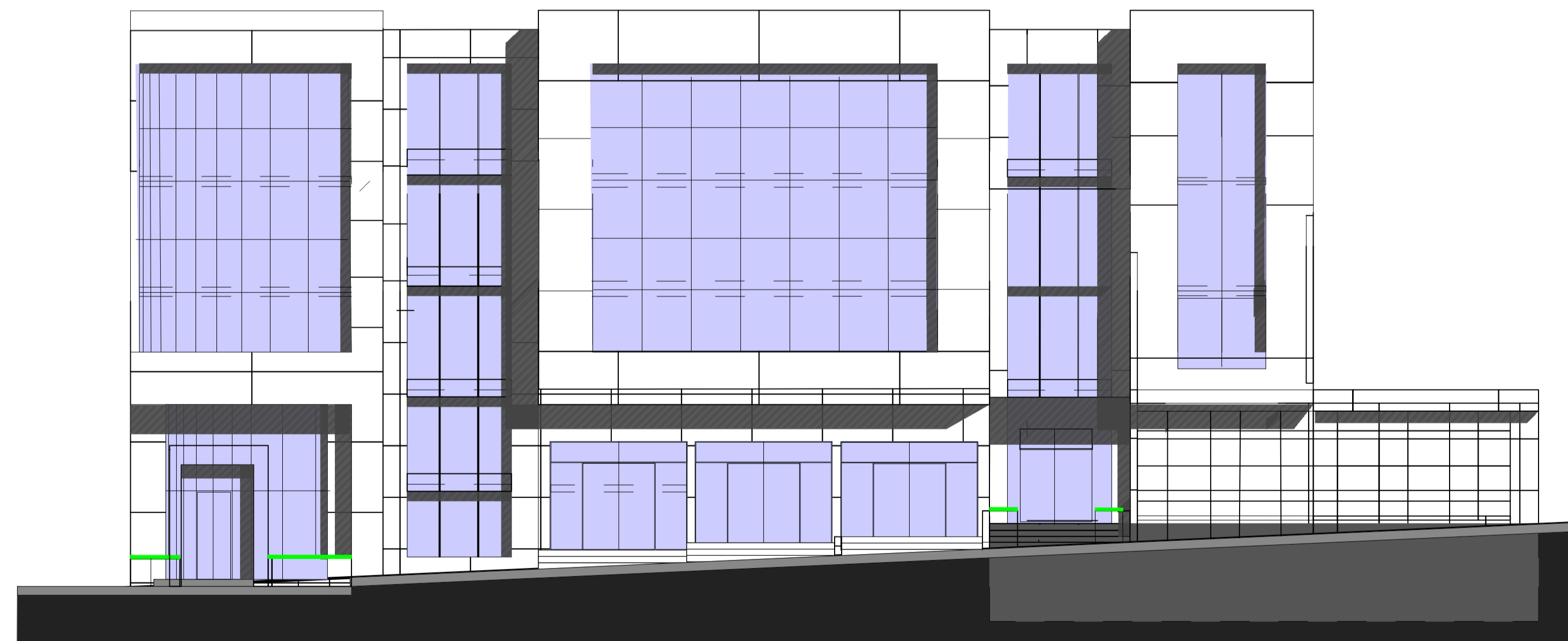
CARÁCTER:		LEVANTAMIENTO DE VIVIENDA																																					
PROPIETARIO:		SANDRO YAMIL MENDEZ																																					
NOTAS MARGINALES:																																							
<table border="1"> <tr> <td>SUPERFICIE DE LOTE</td> <td>420,00 M2</td> <td rowspan="7">LÁMINA :</td> <td rowspan="7">1/2</td> </tr> <tr> <td>SUPERFICIE APROBADA PLANTA BAJA</td> <td>77,00 M2</td> </tr> <tr> <td>SUPERFICIE A REGULARIZAR PLANTA BAJA</td> <td>215,50 M2</td> </tr> <tr> <td>SUPERFICIE MEZZANINE</td> <td>126,44 M2</td> </tr> <tr> <td>SUPERFICIE PRIMER PISO</td> <td>332,77 M2</td> </tr> <tr> <td>SUPERFICIE SEGUNDO PISO</td> <td>332,77 M2</td> </tr> <tr> <td>SUPERFICIE TERCER PISO</td> <td>332,77 M2</td> </tr> <tr> <td>SUPERFICIE TOTAL DE CONSTRUCCION</td> <td>1.582,91 M2</td> <td></td> <td></td> </tr> </table>		SUPERFICIE DE LOTE	420,00 M2	LÁMINA :	1/2	SUPERFICIE APROBADA PLANTA BAJA	77,00 M2	SUPERFICIE A REGULARIZAR PLANTA BAJA	215,50 M2	SUPERFICIE MEZZANINE	126,44 M2	SUPERFICIE PRIMER PISO	332,77 M2	SUPERFICIE SEGUNDO PISO	332,77 M2	SUPERFICIE TERCER PISO	332,77 M2	SUPERFICIE TOTAL DE CONSTRUCCION	1.582,91 M2			<table border="1"> <tr> <td>EJECUTOR:</td> <td>UBICACION:</td> </tr> <tr> <td>ARQ. ROCIO FERNÁNDEZ CAMACHO</td> <td></td> </tr> <tr> <td>APROBACION D.S.G.T.:</td> <td>COD. CATASTRAL: 23-92-29-0-0-0</td> </tr> <tr> <td></td> <td>FECHA: TJA/ ABRIL 2018</td> </tr> <tr> <td></td> <td>ESCALA: INDICADA</td> </tr> <tr> <td></td> <td>ZONA: MORROS BLANCOS</td> </tr> <tr> <td></td> <td>REGISTRO:</td> </tr> <tr> <td>SELLO:</td> <td></td> </tr> </table>		EJECUTOR:	UBICACION:	ARQ. ROCIO FERNÁNDEZ CAMACHO		APROBACION D.S.G.T.:	COD. CATASTRAL: 23-92-29-0-0-0		FECHA: TJA/ ABRIL 2018		ESCALA: INDICADA		ZONA: MORROS BLANCOS		REGISTRO:	SELLO:	
SUPERFICIE DE LOTE	420,00 M2	LÁMINA :	1/2																																				
SUPERFICIE APROBADA PLANTA BAJA	77,00 M2																																						
SUPERFICIE A REGULARIZAR PLANTA BAJA	215,50 M2																																						
SUPERFICIE MEZZANINE	126,44 M2																																						
SUPERFICIE PRIMER PISO	332,77 M2																																						
SUPERFICIE SEGUNDO PISO	332,77 M2																																						
SUPERFICIE TERCER PISO	332,77 M2																																						
SUPERFICIE TOTAL DE CONSTRUCCION	1.582,91 M2																																						
EJECUTOR:	UBICACION:																																						
ARQ. ROCIO FERNÁNDEZ CAMACHO																																							
APROBACION D.S.G.T.:	COD. CATASTRAL: 23-92-29-0-0-0																																						
	FECHA: TJA/ ABRIL 2018																																						
	ESCALA: INDICADA																																						
	ZONA: MORROS BLANCOS																																						
	REGISTRO:																																						
SELLO:																																							



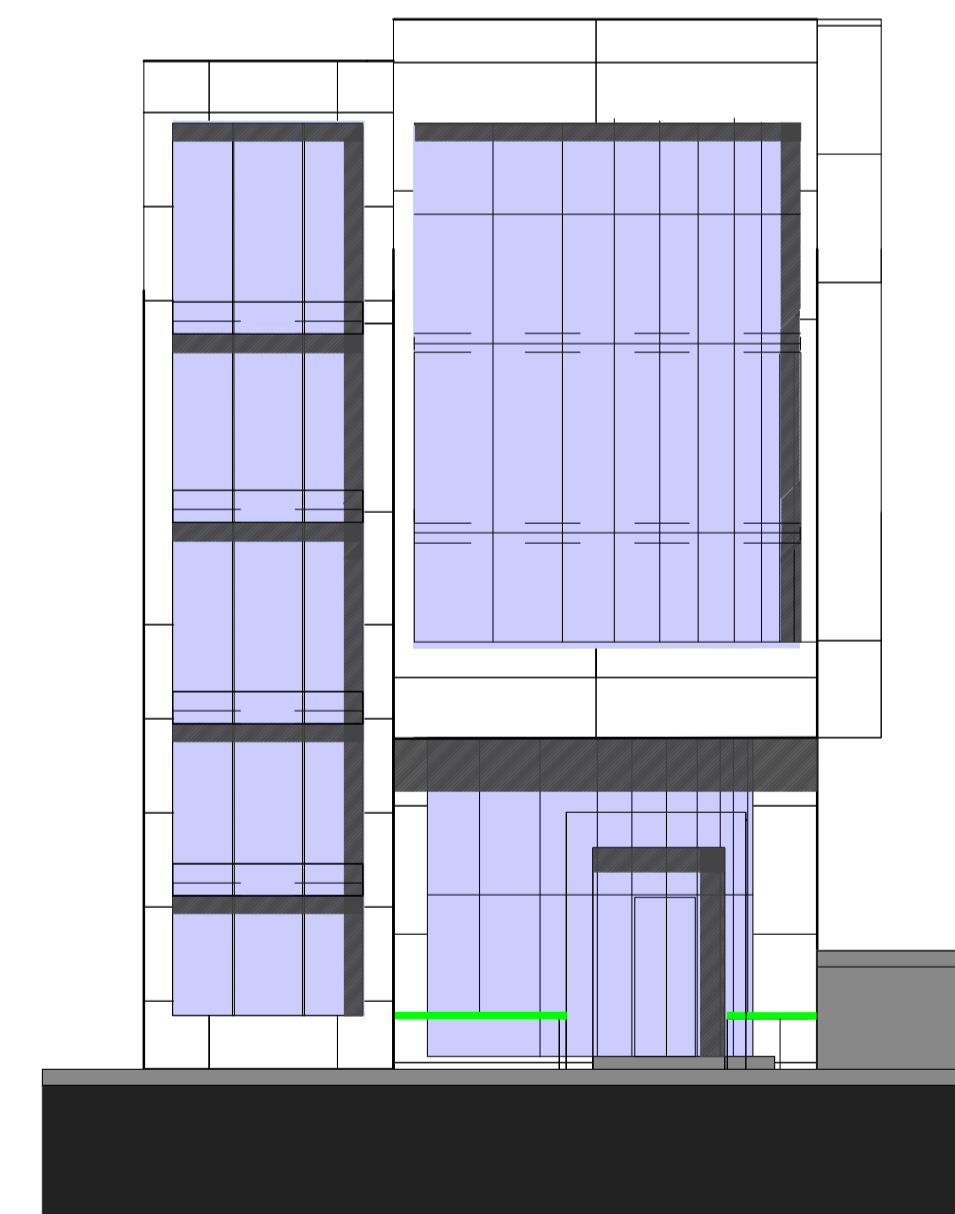
**CORTE B-B
ESC. 1:100**



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

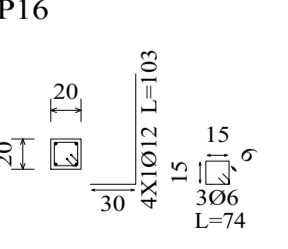
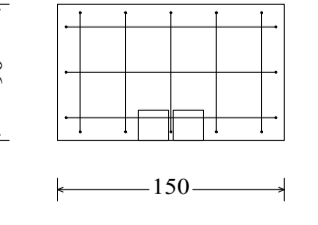
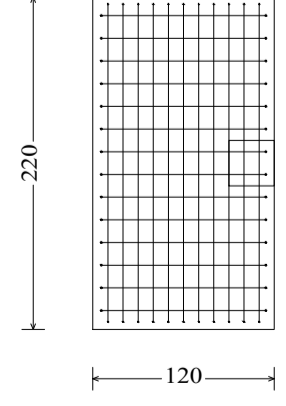
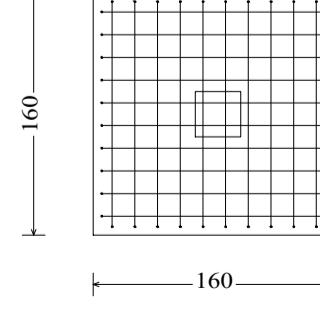
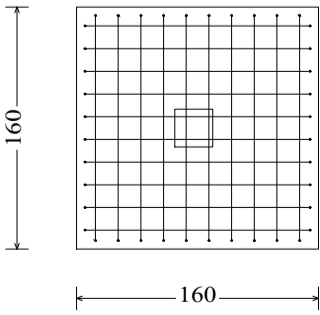
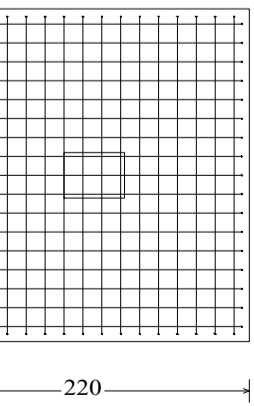
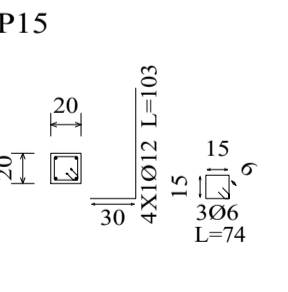
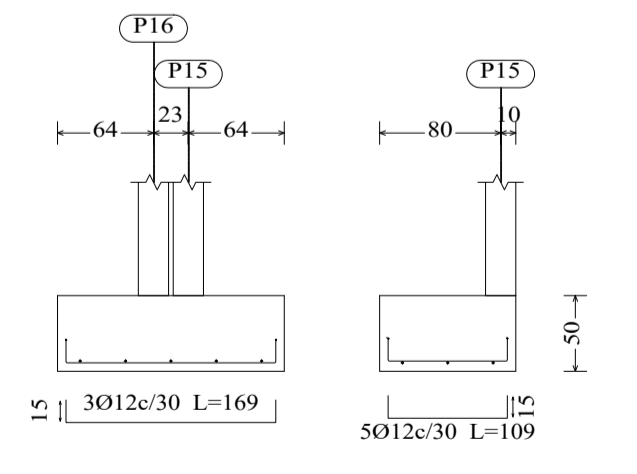
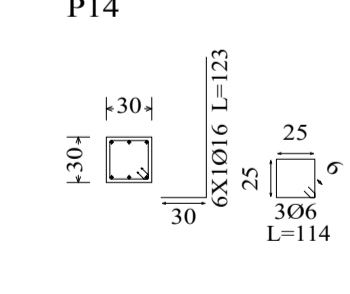
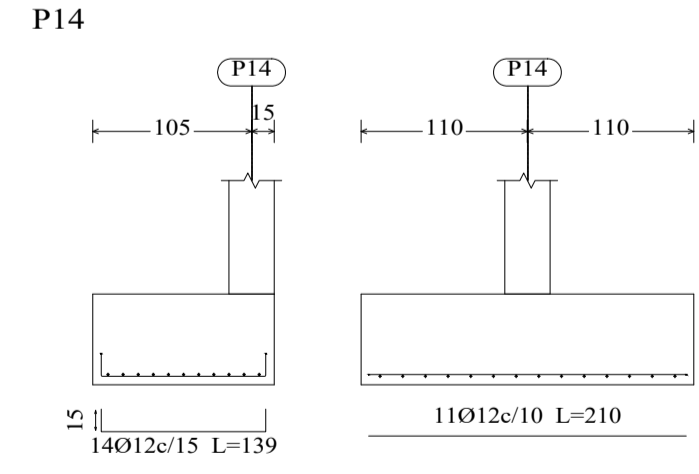
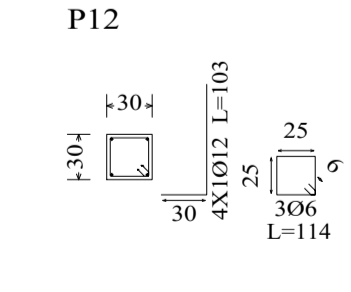
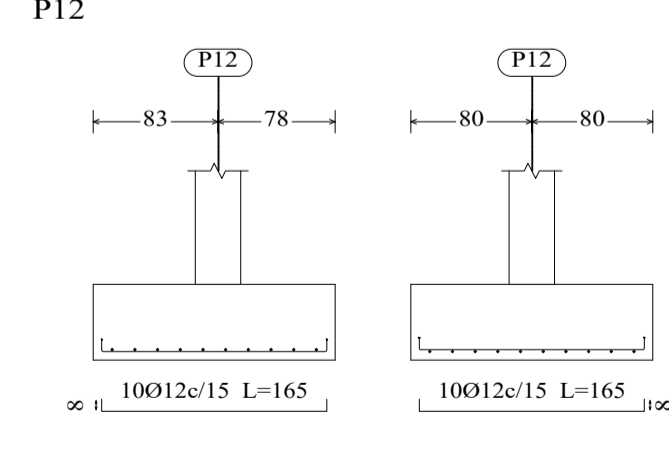
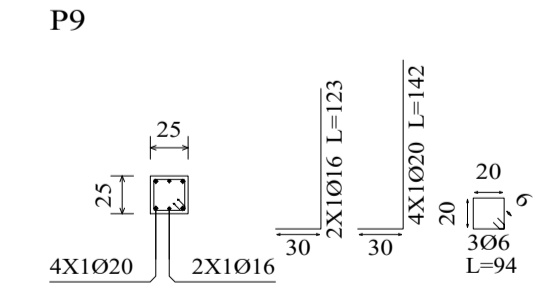
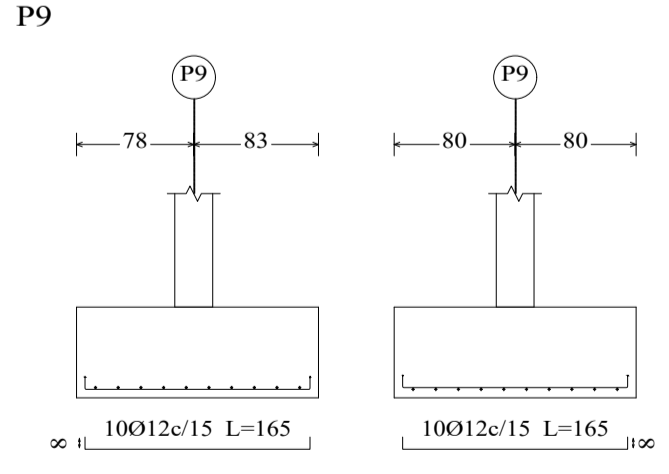
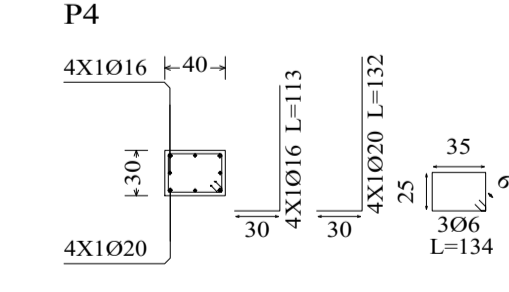
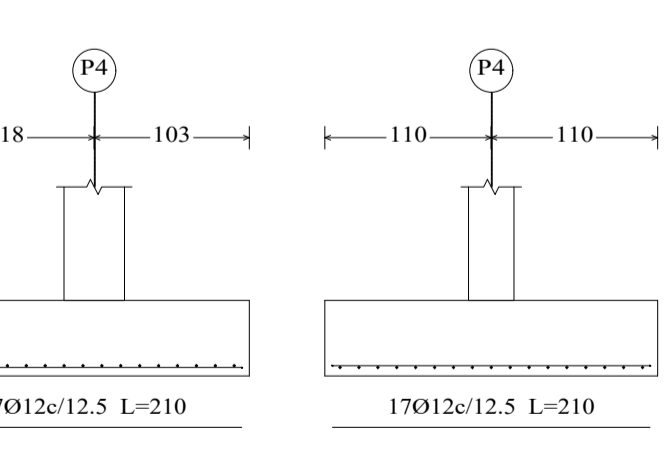
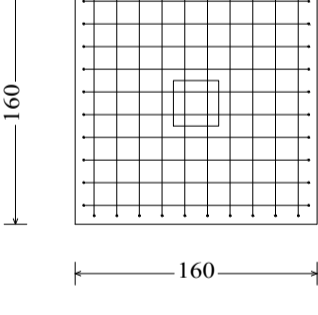
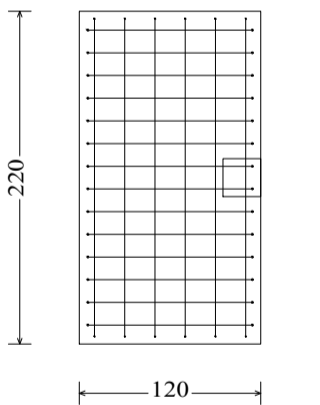
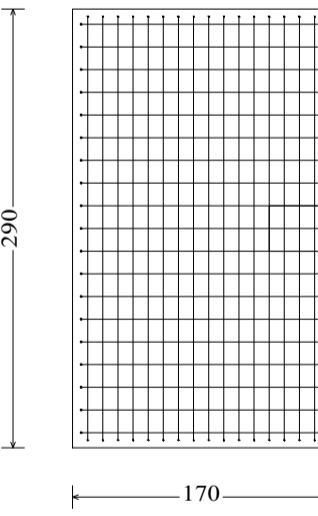
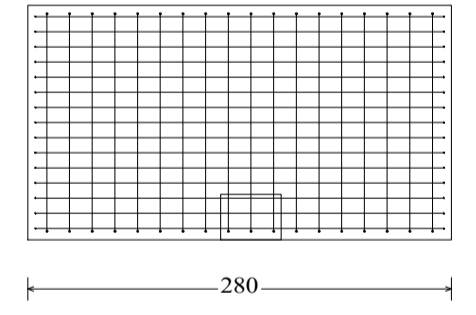
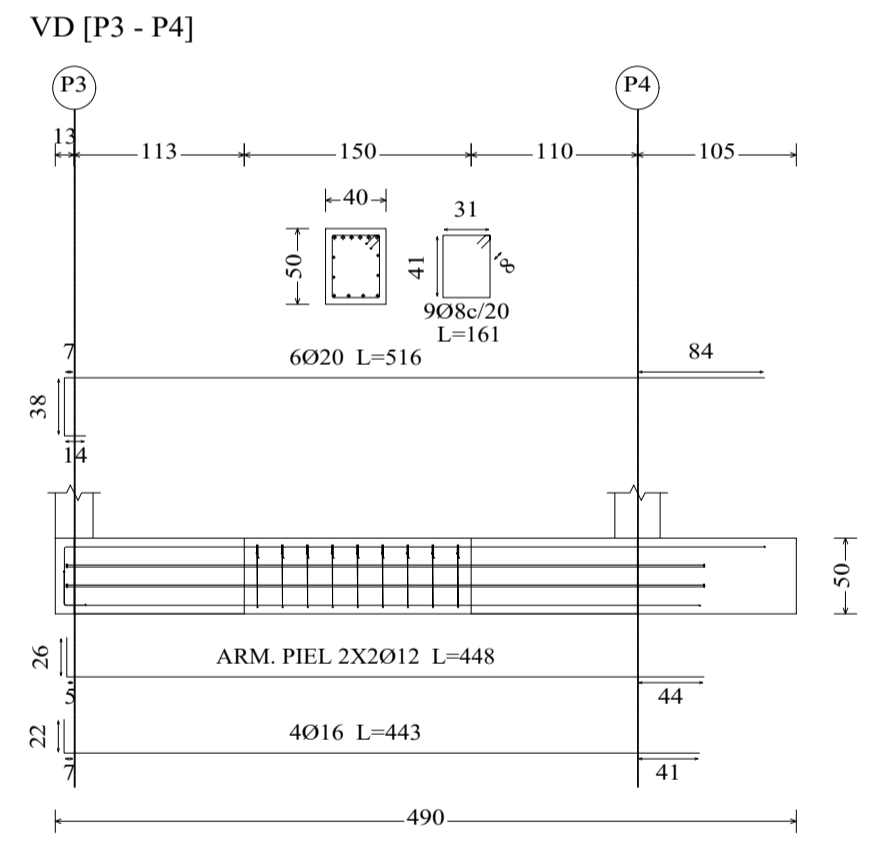
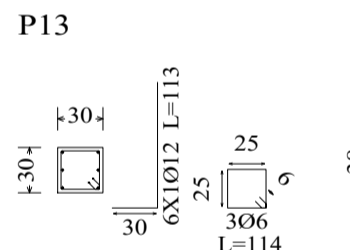
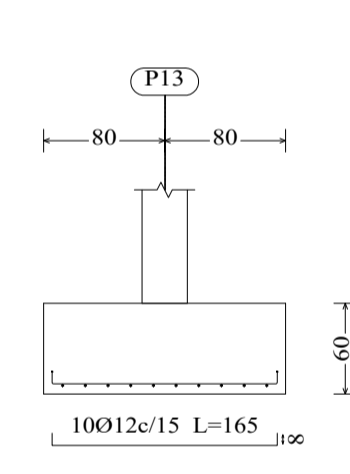
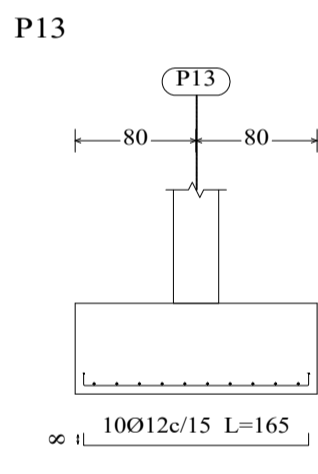
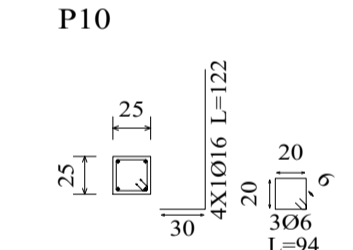
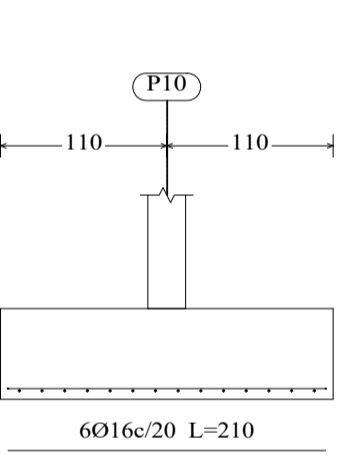
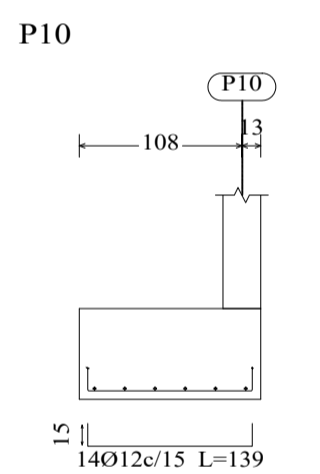
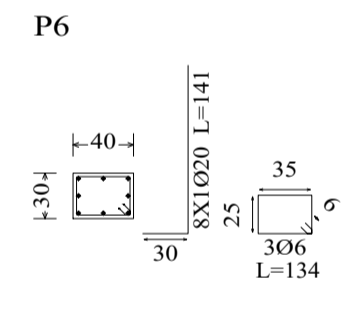
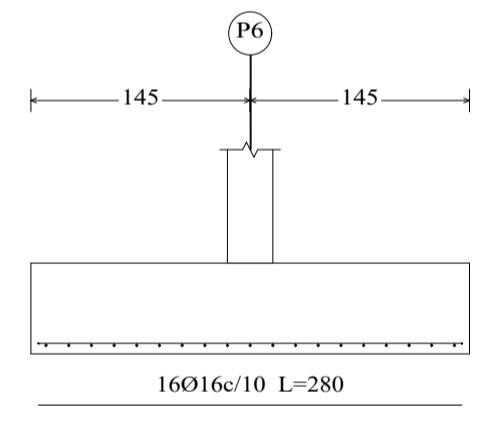
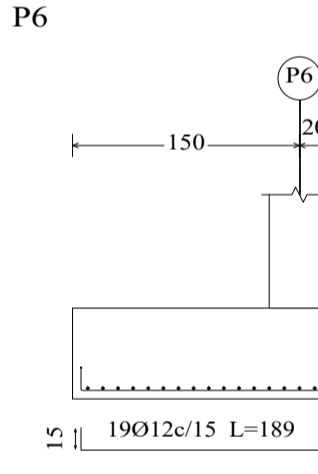
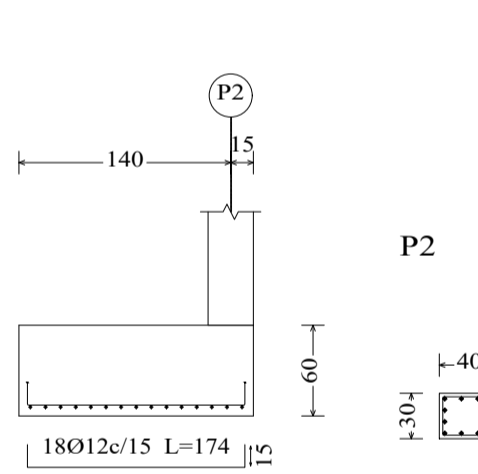
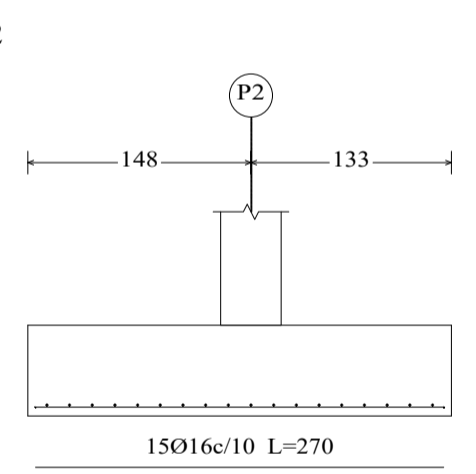
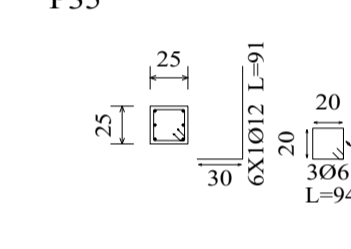
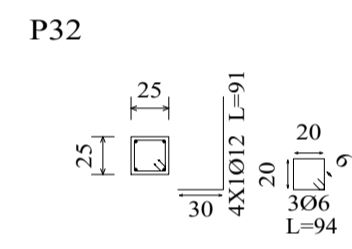
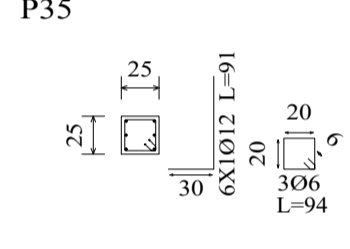
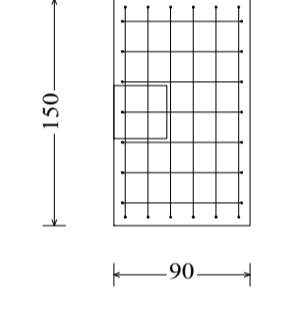
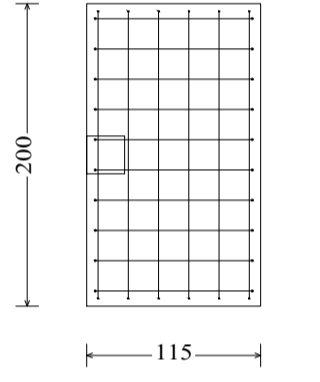
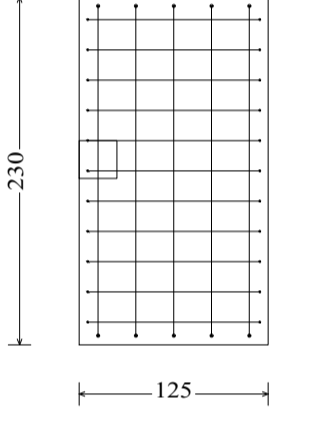
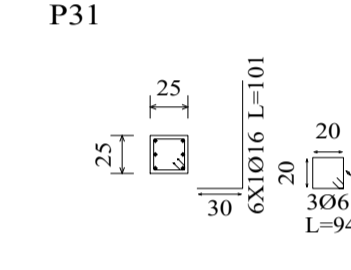
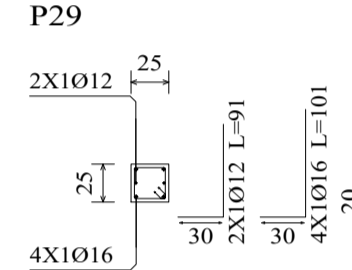
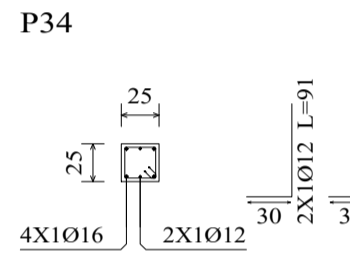
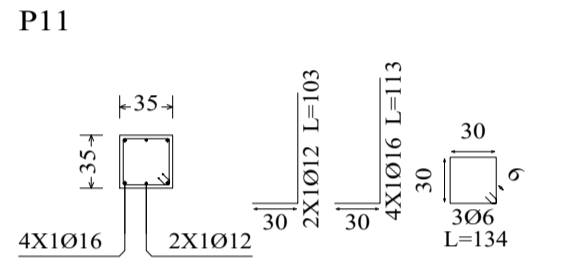
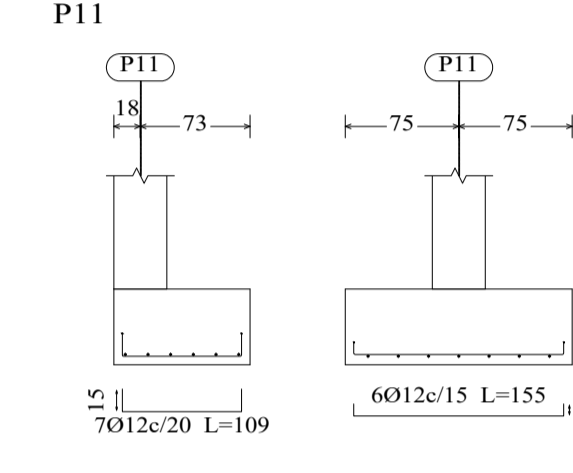
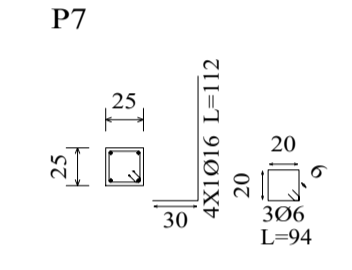
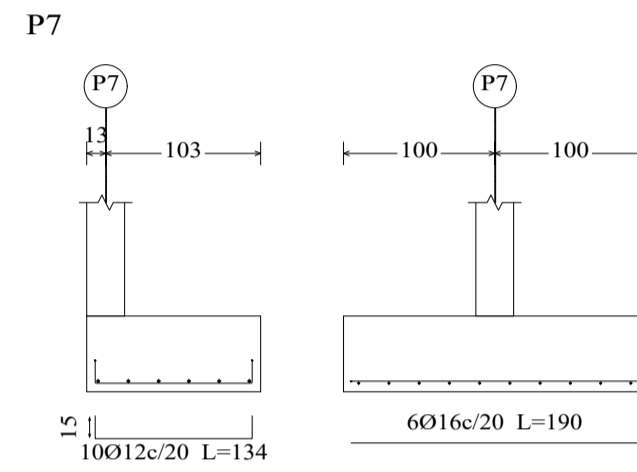
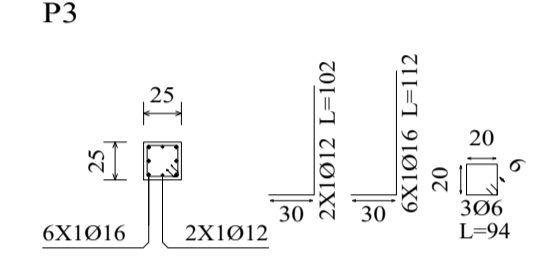
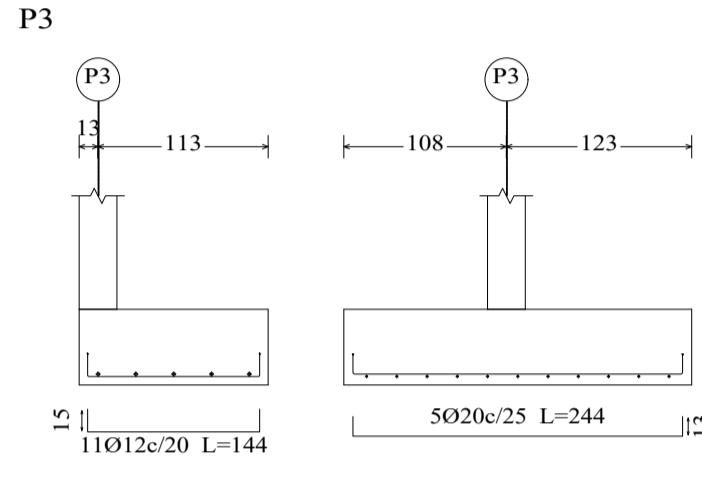
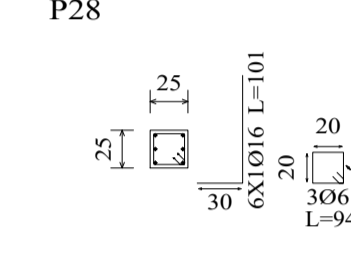
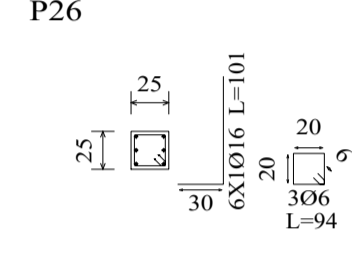
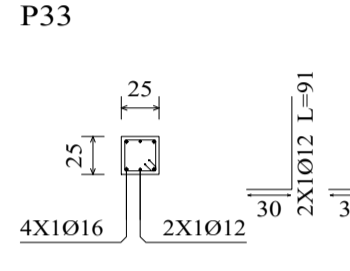
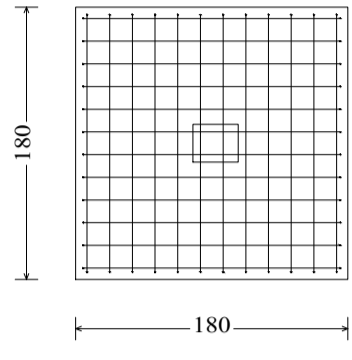
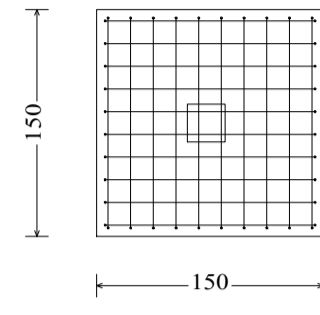
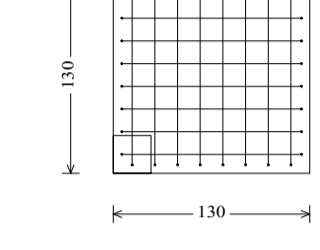
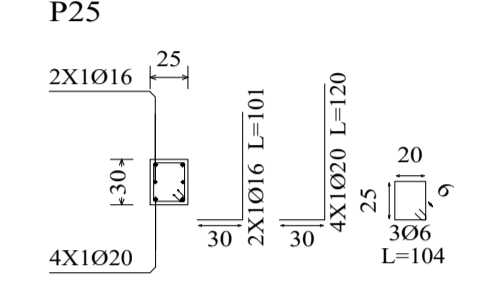
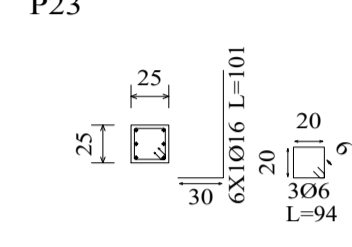
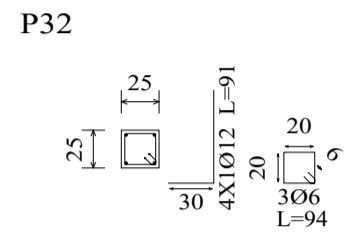
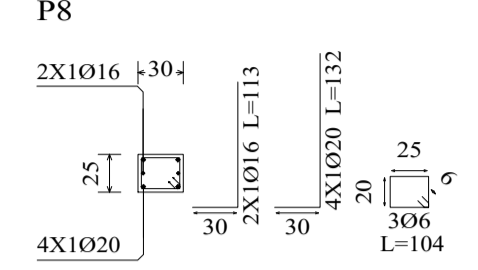
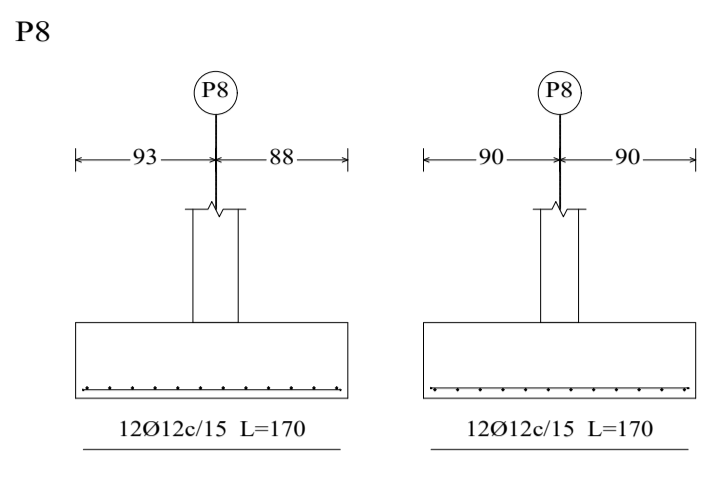
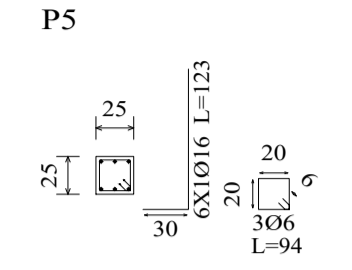
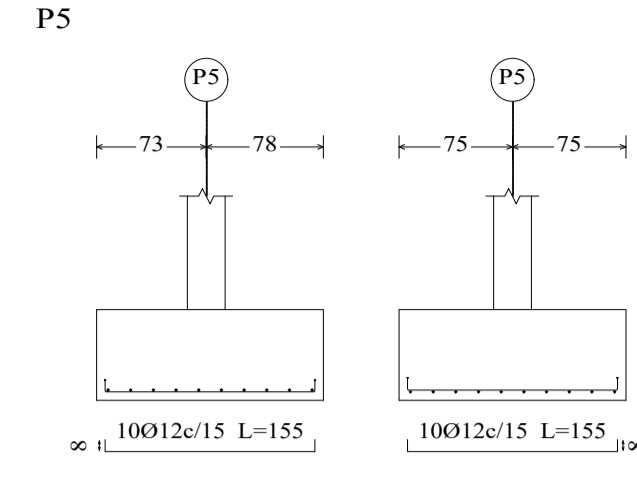
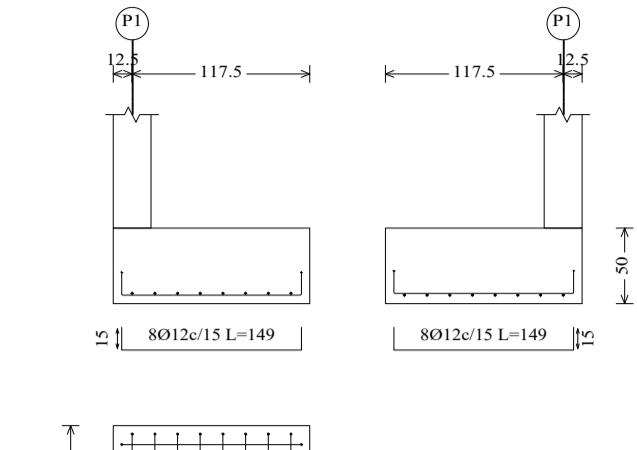
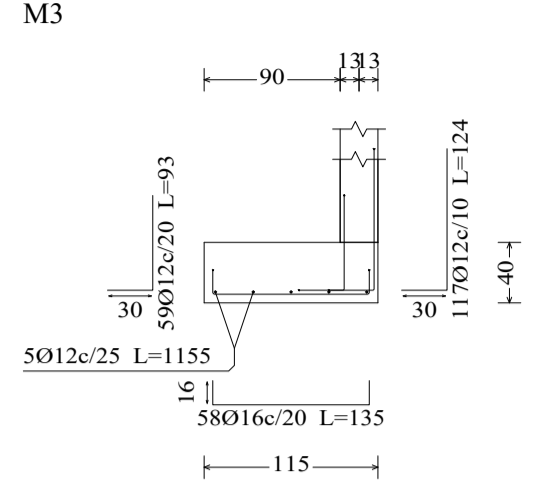
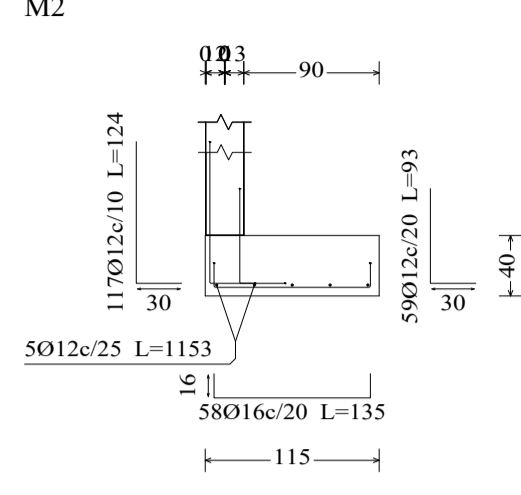
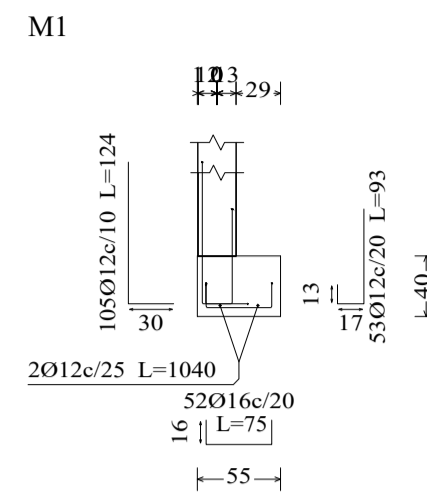


VISTA LATERAL

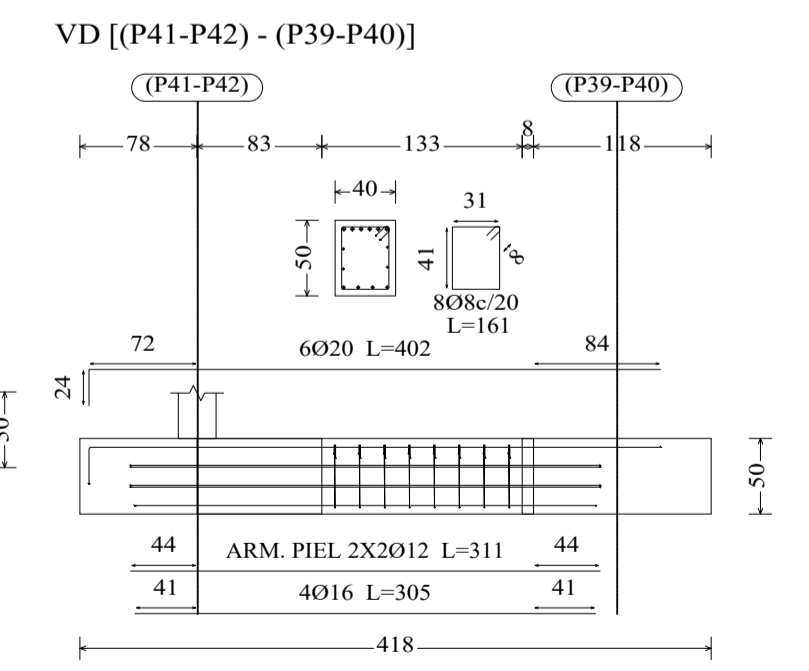
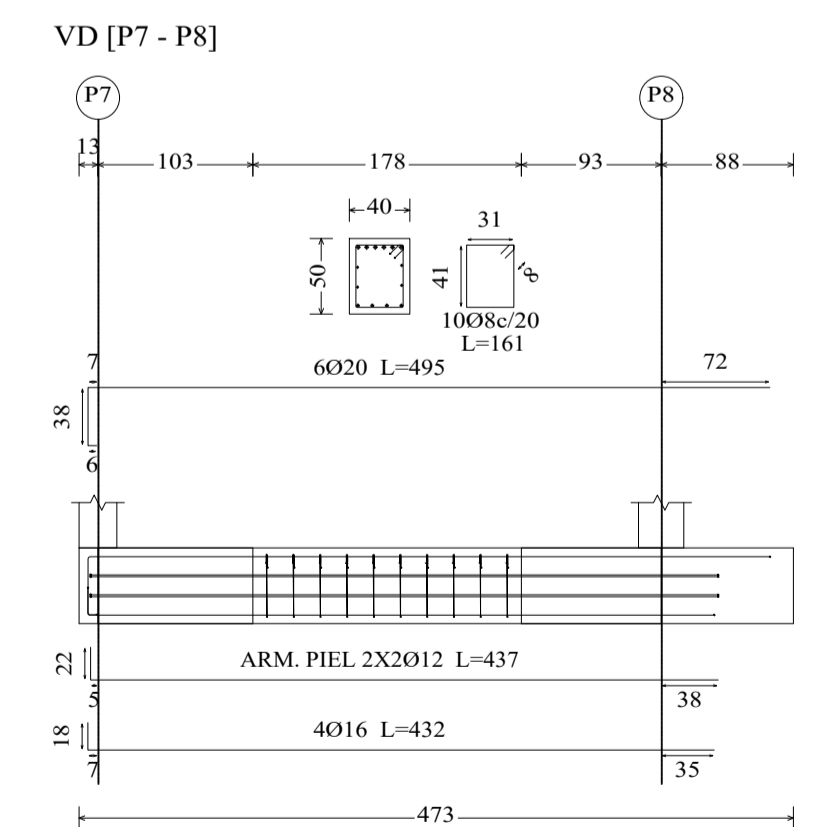
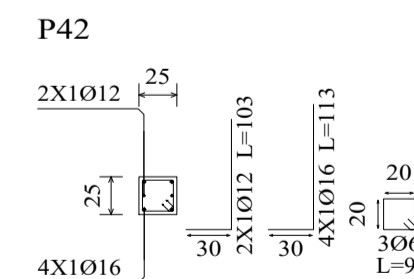
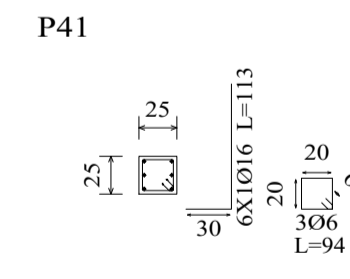
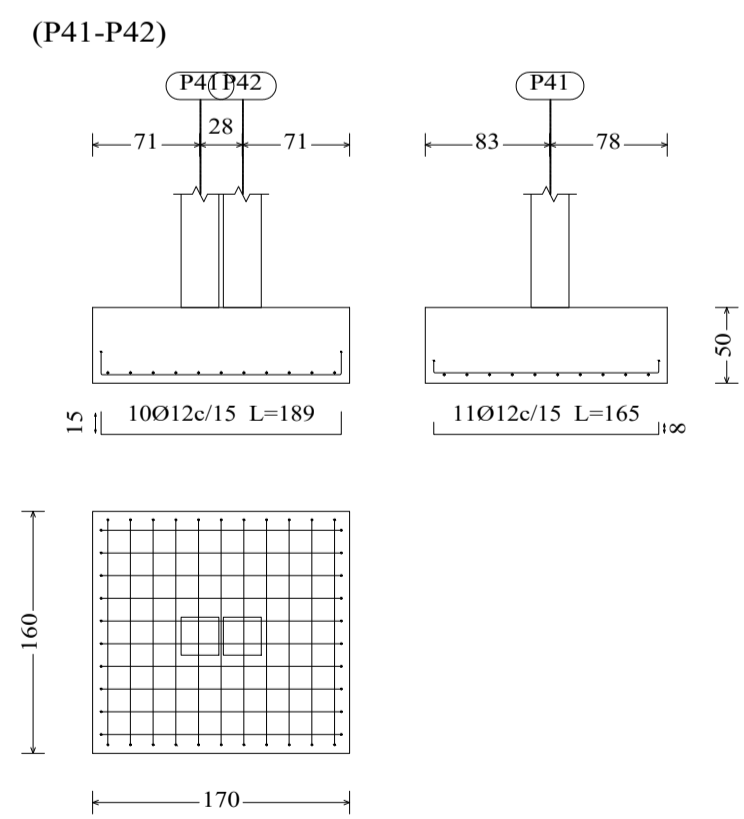
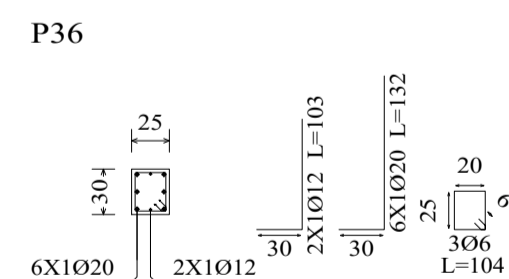
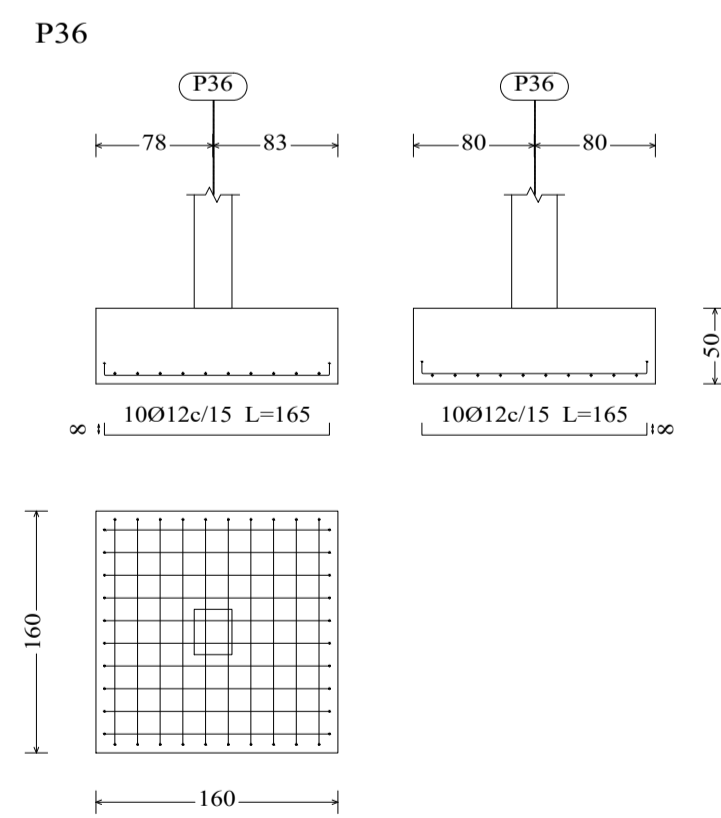
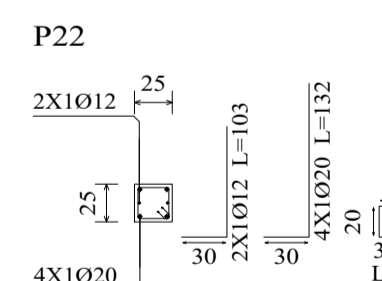
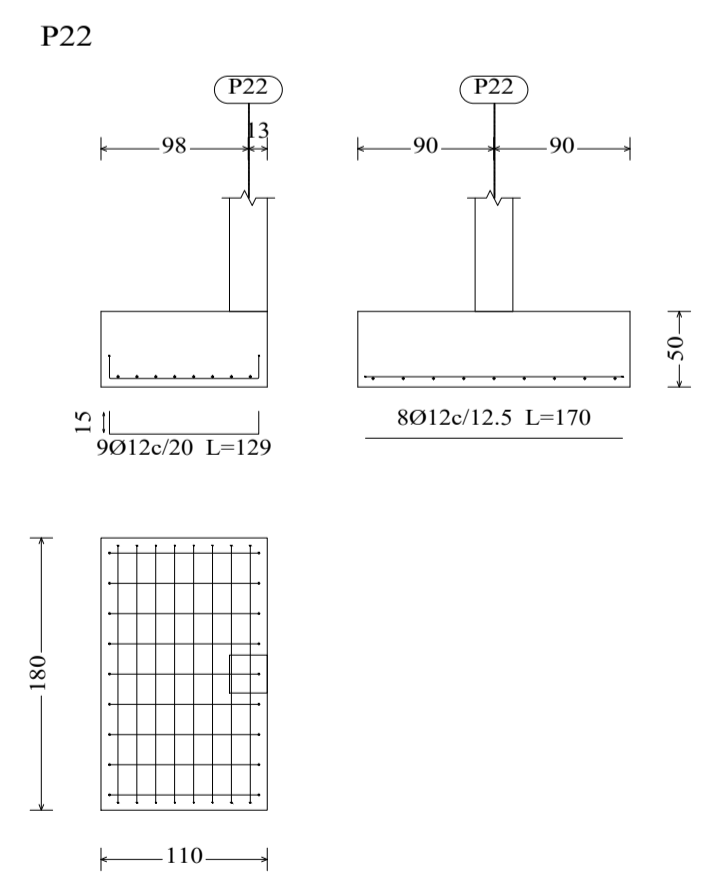
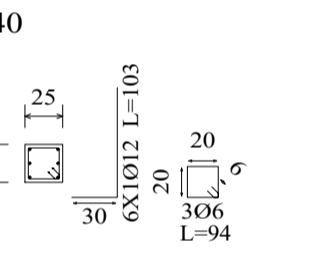
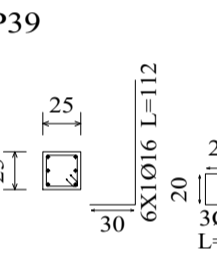
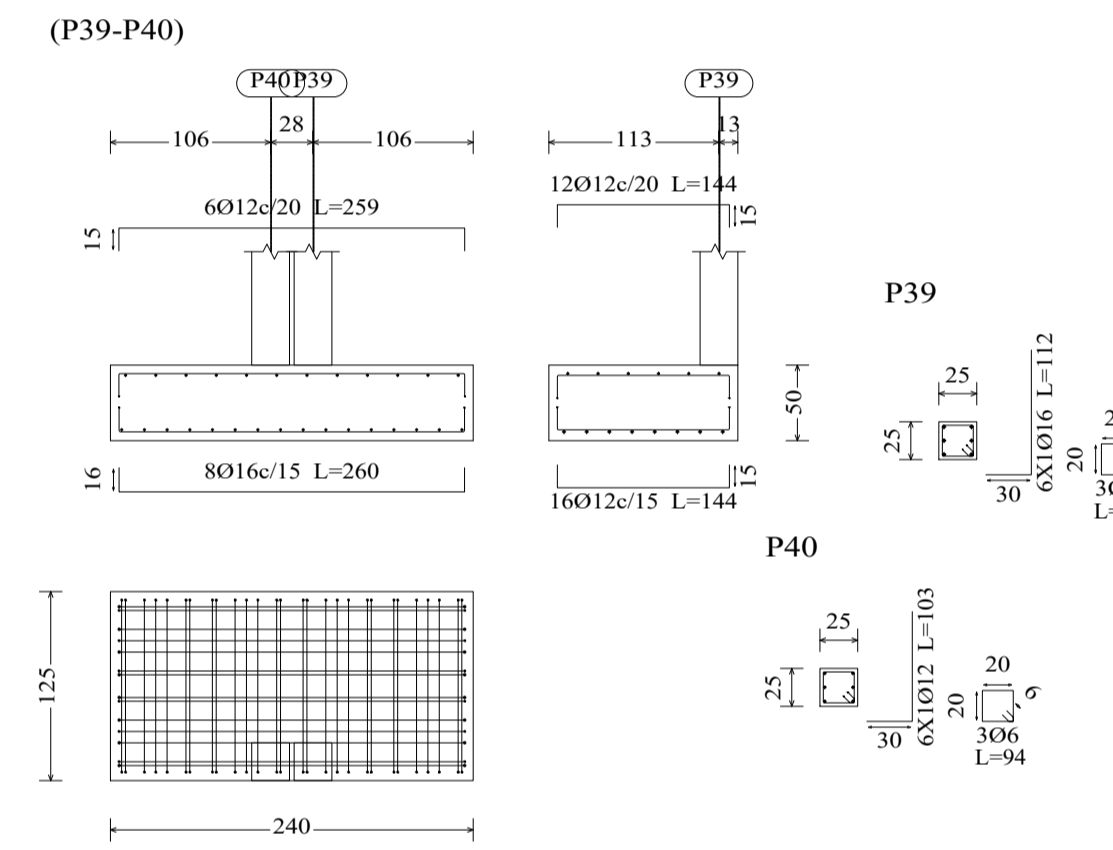
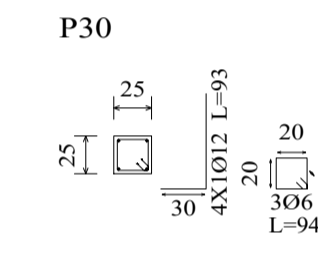
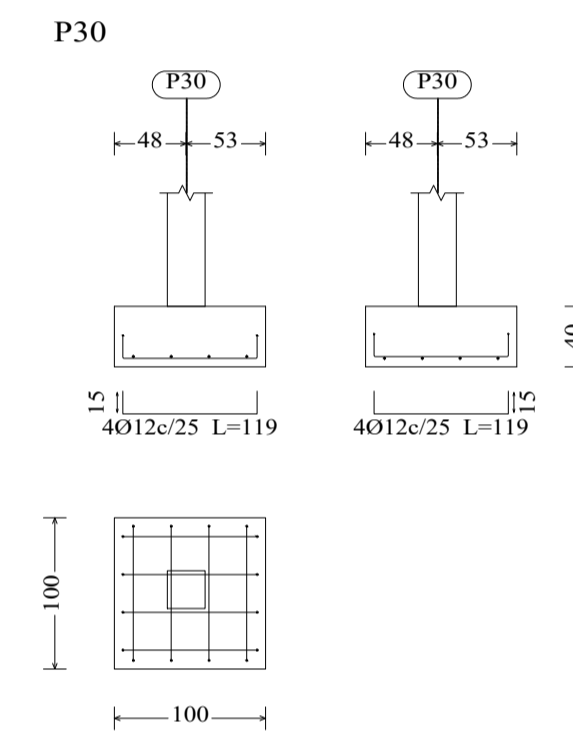
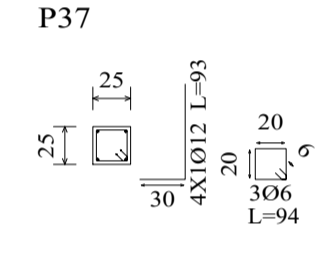
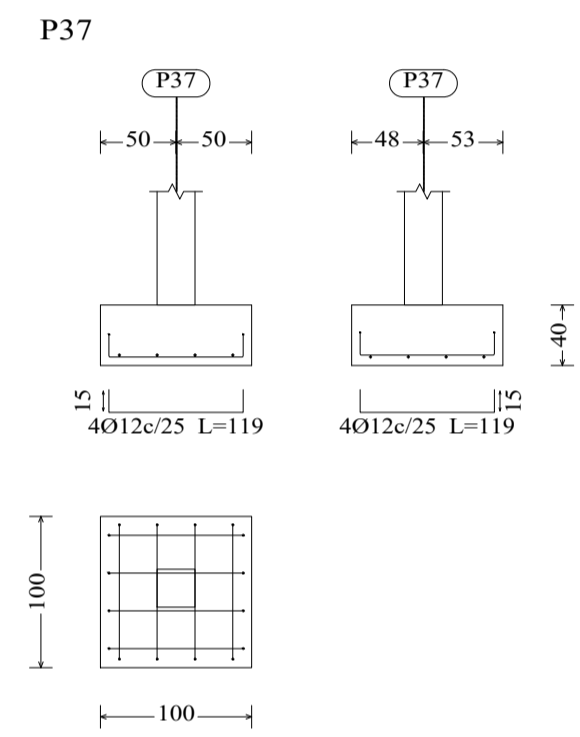
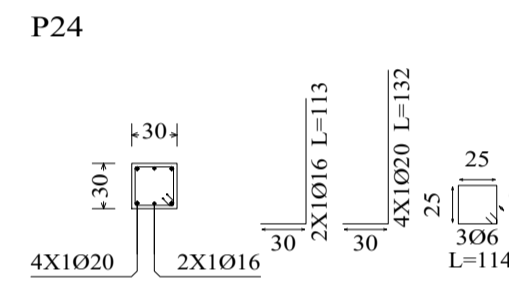
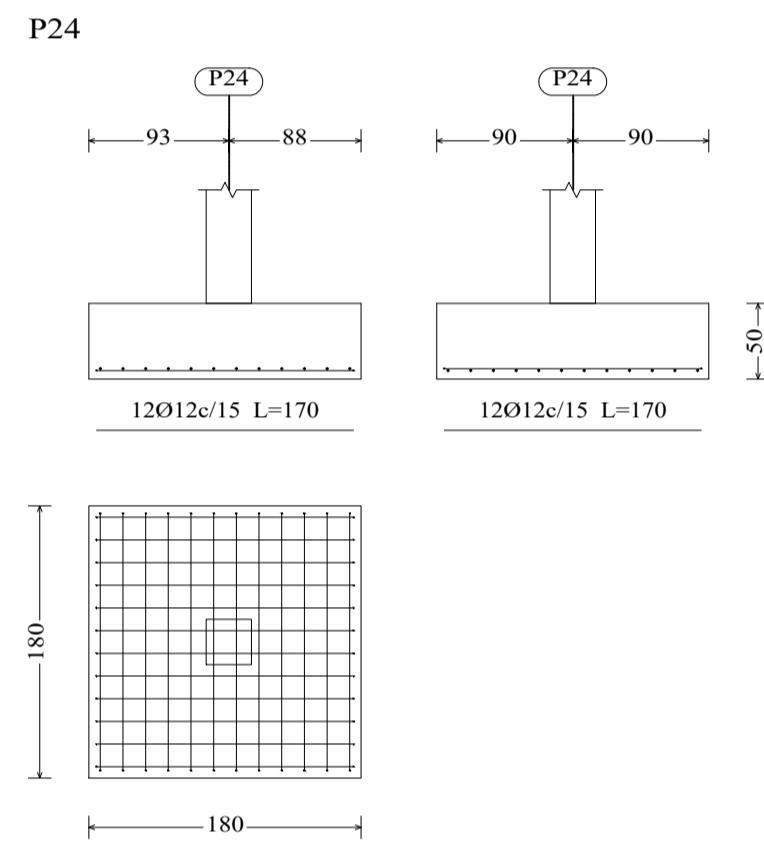
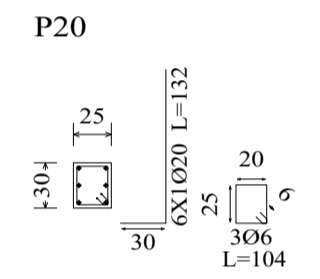
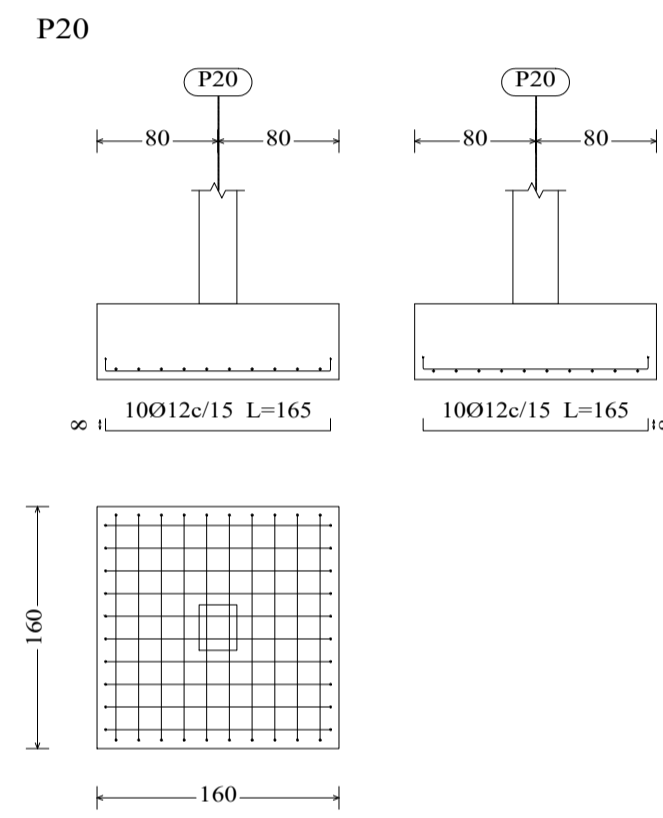
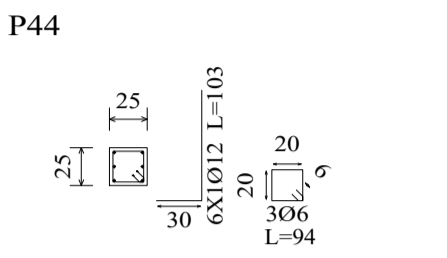
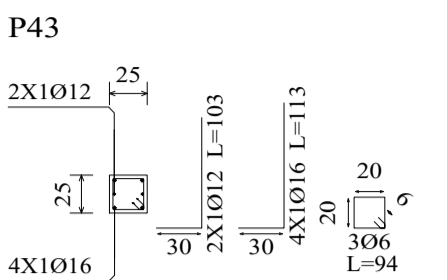
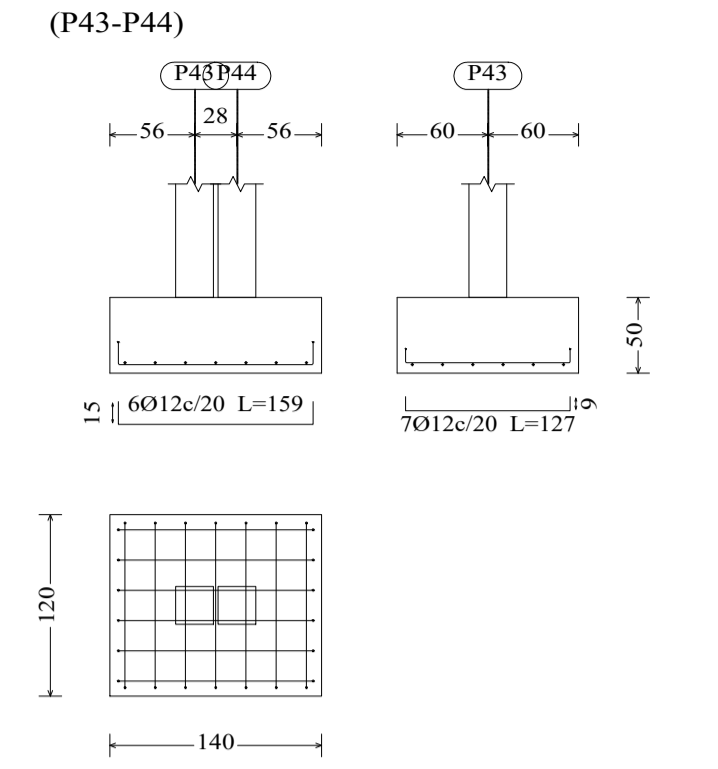
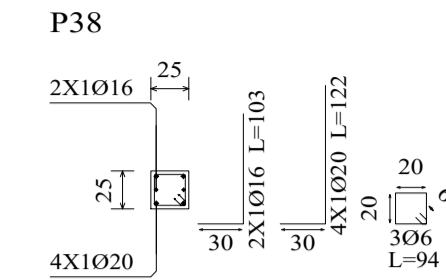
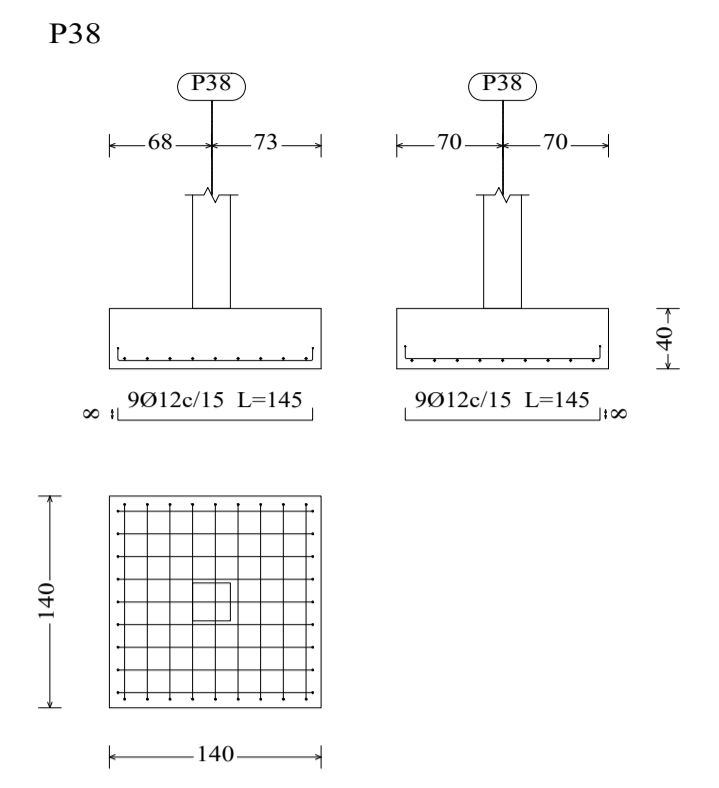
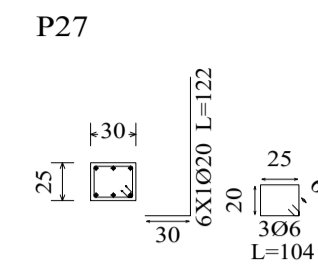
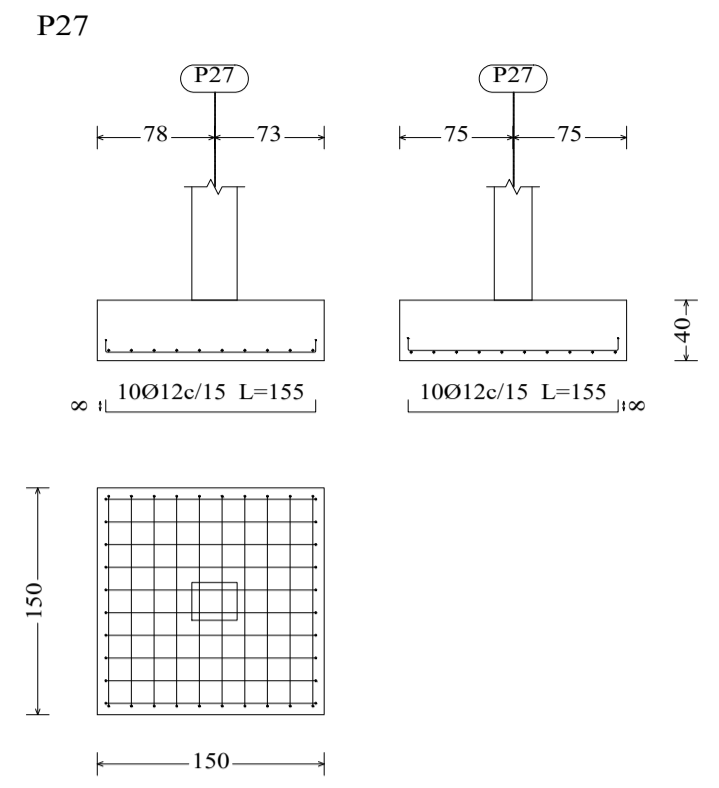
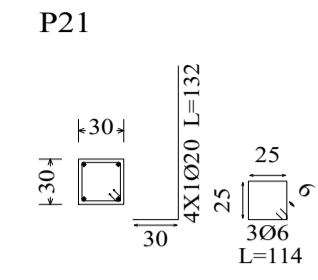
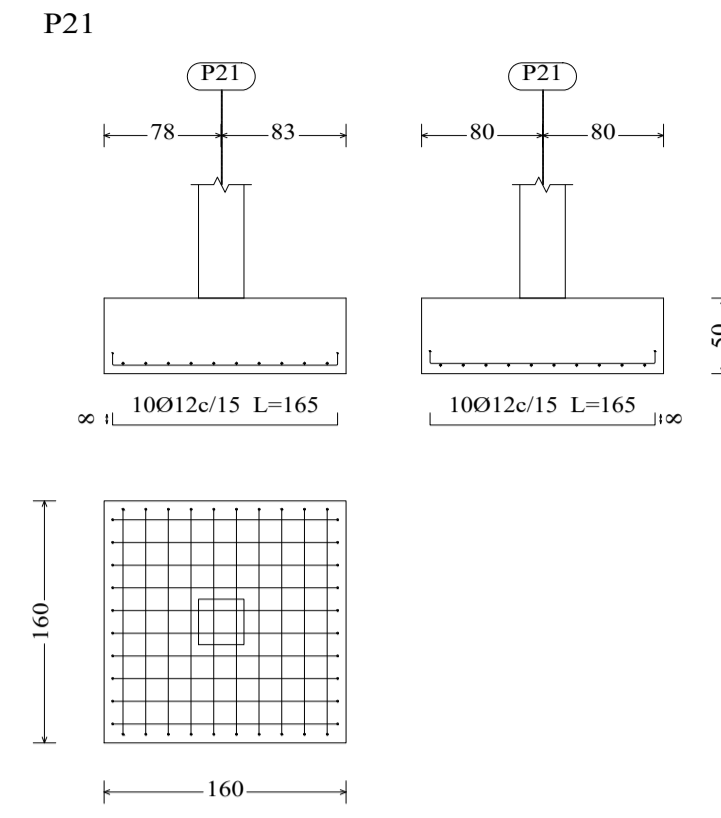
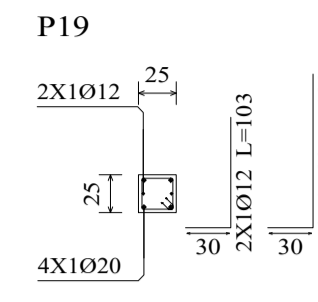
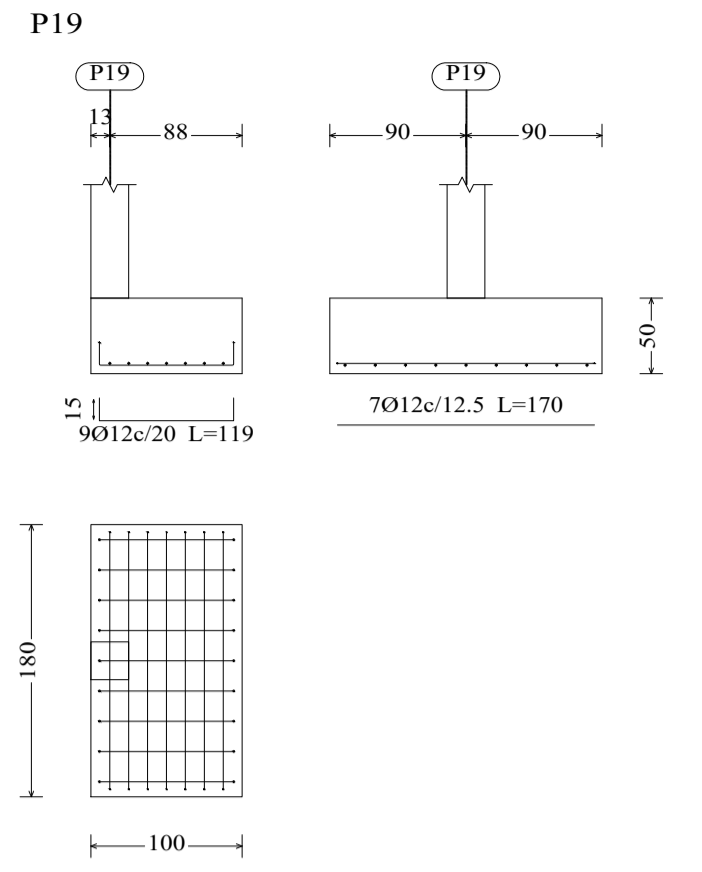


VISTA FRONTAL

CARÁCTER: LEVANTAMIENTO DE VIVIENDA																							
PROPIETARIO: SANDRO YAMIL MENDEZ																							
NOTAS MARGINALES:																							
<table border="1"> <tr> <td>SUPERFICIE DE LOTE</td> <td>420,00 M2</td> <td rowspan="6">LÁMINA: 2/2</td> </tr> <tr> <td>SUPERFICIE APROBADA PLANTA BAJA</td> <td>77,00 M2</td> </tr> <tr> <td>SUPERFICIE A REGULARIZAR PLANTA BAJA</td> <td>218,24 M2</td> </tr> <tr> <td>SUPERFICIE SUB-SUELO</td> <td>168,90 M2</td> </tr> <tr> <td>SUPERFICIE MEZANINE</td> <td>156,44 M2</td> </tr> <tr> <td>SUPERFICIE PRIMER PISO</td> <td>332,77 M2</td> </tr> <tr> <td>SUPERFICIE SEGUNDO PISO</td> <td>332,77 M2</td> <td></td> </tr> <tr> <td>SUPERFICIE TERCER PISO</td> <td>332,77 M2</td> <td></td> </tr> <tr> <td>SUPERFICIE TOTAL DE CONSTRUCCIÓN</td> <td>1.582,91 M2</td> <td></td> </tr> </table>	SUPERFICIE DE LOTE	420,00 M2	LÁMINA: 2/2	SUPERFICIE APROBADA PLANTA BAJA	77,00 M2	SUPERFICIE A REGULARIZAR PLANTA BAJA	218,24 M2	SUPERFICIE SUB-SUELO	168,90 M2	SUPERFICIE MEZANINE	156,44 M2	SUPERFICIE PRIMER PISO	332,77 M2	SUPERFICIE SEGUNDO PISO	332,77 M2		SUPERFICIE TERCER PISO	332,77 M2		SUPERFICIE TOTAL DE CONSTRUCCIÓN	1.582,91 M2		
SUPERFICIE DE LOTE	420,00 M2	LÁMINA: 2/2																					
SUPERFICIE APROBADA PLANTA BAJA	77,00 M2																						
SUPERFICIE A REGULARIZAR PLANTA BAJA	218,24 M2																						
SUPERFICIE SUB-SUELO	168,90 M2																						
SUPERFICIE MEZANINE	156,44 M2																						
SUPERFICIE PRIMER PISO	332,77 M2																						
SUPERFICIE SEGUNDO PISO	332,77 M2																						
SUPERFICIE TERCER PISO	332,77 M2																						
SUPERFICIE TOTAL DE CONSTRUCCIÓN	1.582,91 M2																						
EJECUTOR: ARQ. ROCÍO FERNÁNDEZ CAMACHO	UBICACIÓN:																						
APROBACIÓN D.S.G.T.:	CD. CATASTRAL: 23-92-29-0-0																						
	FECHA: TJA/ ABRIL 2018																						
	ESCALA: INDICADA																						
	ZONA: MORROS BLANCOS																						
BELLO:	REGISTRO:																						



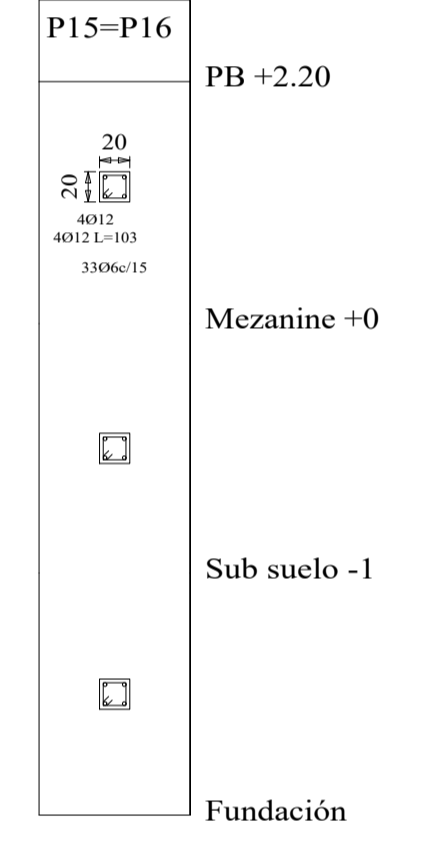
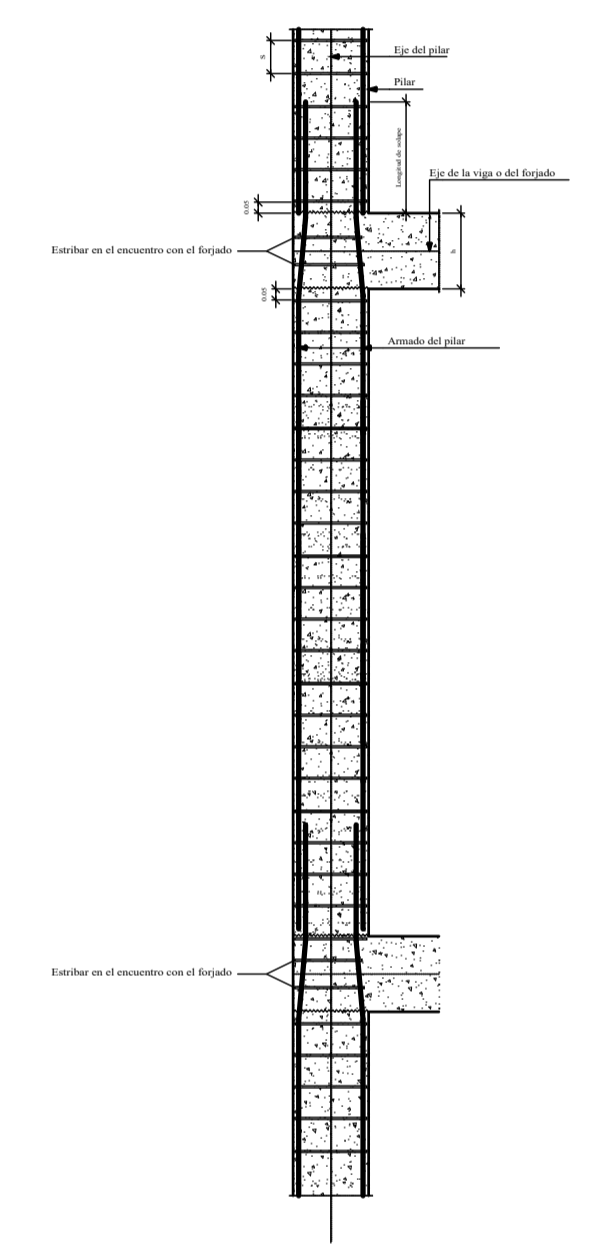
UNIVERSIDAD A. JUAN MISAEL SARACHO		
UNIVERSITARIO: MENEZ SANCHEZ KELLY GISELLE	MATERIA: CIV-502 PROYECTO DE INGENIERIA CIVIL II	
PROYECTO: DISEÑO ESTRUCTURAL HOTEL AYRE ZONA MORRIS BLANCOS	ESCALA: INDICADA	PLANO Nº: 1/18
TÍTULO DE LÁMINA: DESPIECE DE CIMENTACIONES	FECHA: TARAJA MAYO DE 2024	



P1	P2	P3	P4	P5	P6	P7=P10	P8	P9	P11	P12	P13	P14	
													CUBIERTA +14.25
													PISO 3 + 11.45
													PISO 2 + 8.65
													PISO 1 + 5.80
													PB +3.05
													PB +2.20
													Mezanine +0
													Sub suelo -1
													Cimentación

Resumen Acero Forjados 1 a 9 Pilares	Long. total (m)	Peso+10% (kg)	Total
AH-500CN Ø6	4485.4	1095	
Ø8	202.7	88	
Ø12	1984.7	1938	
Ø16	964.0	1674	
Ø20	764.5	2074	6869

Detalle de estribo de pilares



P1	P2	P3	P4	P5	P6	P7=P10	P8	P9	P11	P12	P13	P14	
													Sub suelo -1
													Cimentación

UNIVERSIDAD A. JUAN MISAEL SARACHO

UNIVERSITARIO: MENDEZ SANCHEZ KELLY GISELE

MATERIA: CIV-502 PROYECTO DE INGENIERIA CIVIL II

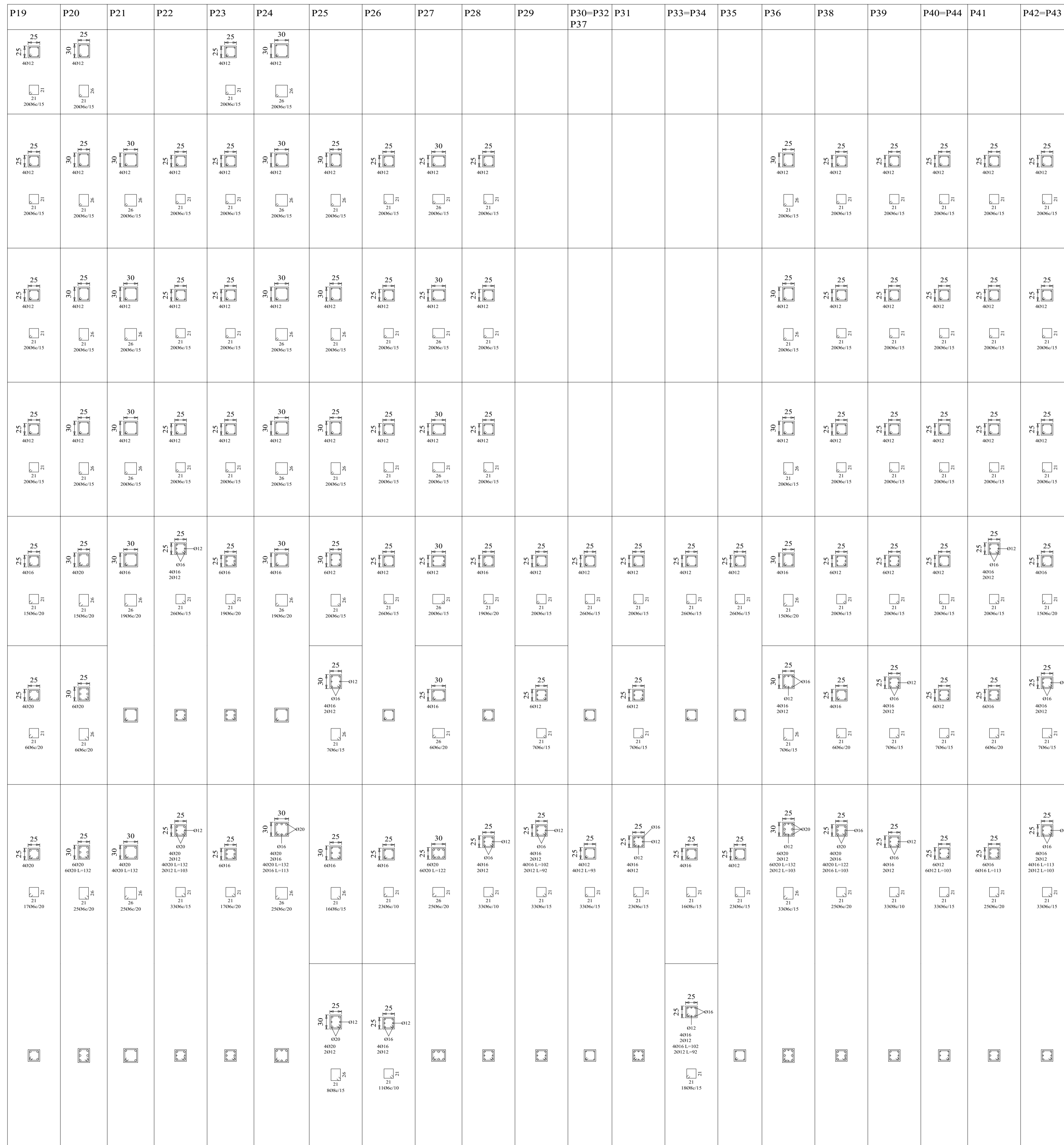
PROYECTO: DISEÑO ESTRUCTURAL HOTEL AYRE ZONA MORRIS BLANCOS

TITULO DE LAMINA: CUADRO DE COLUMNAS

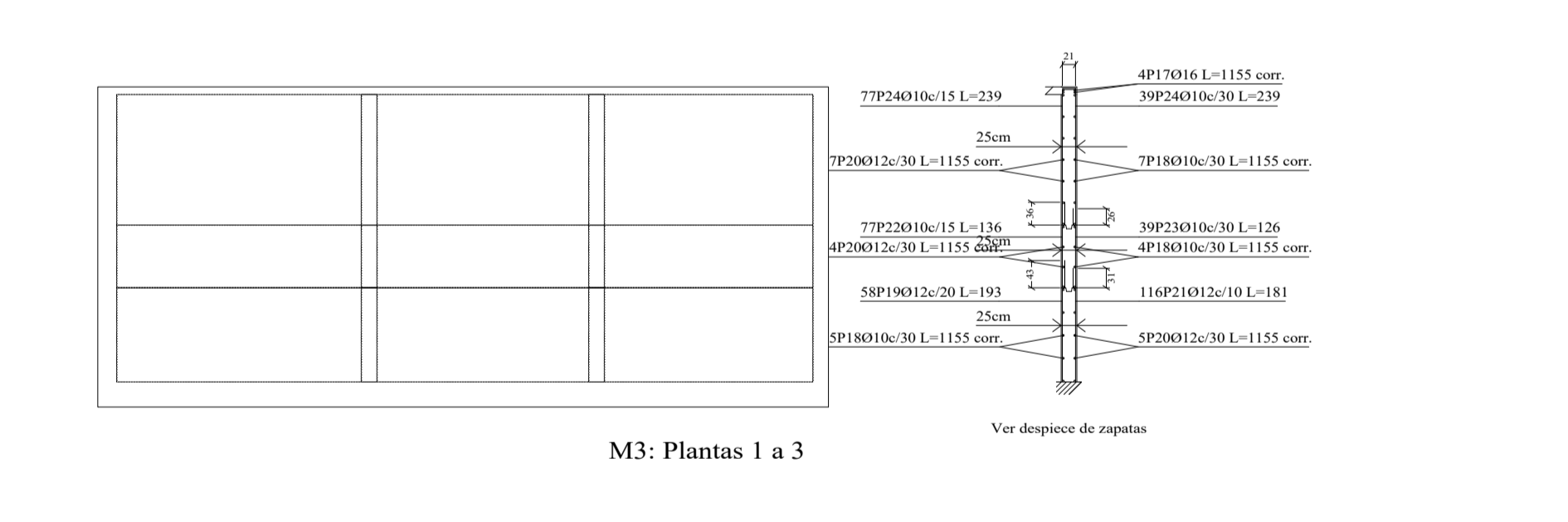
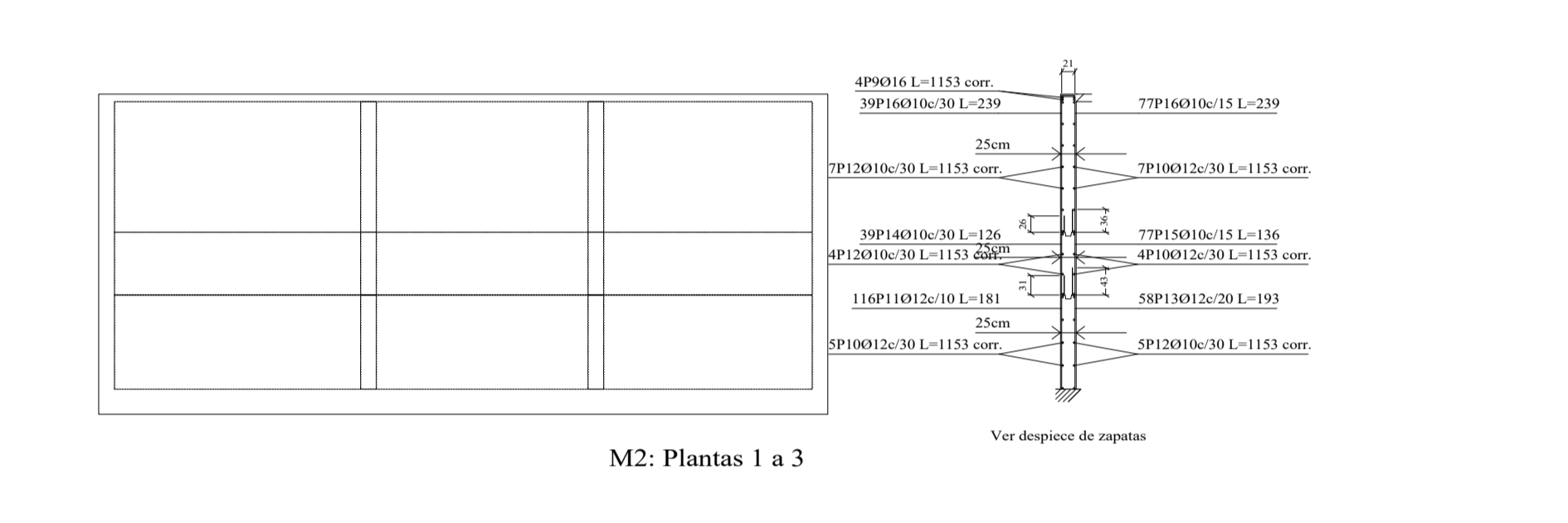
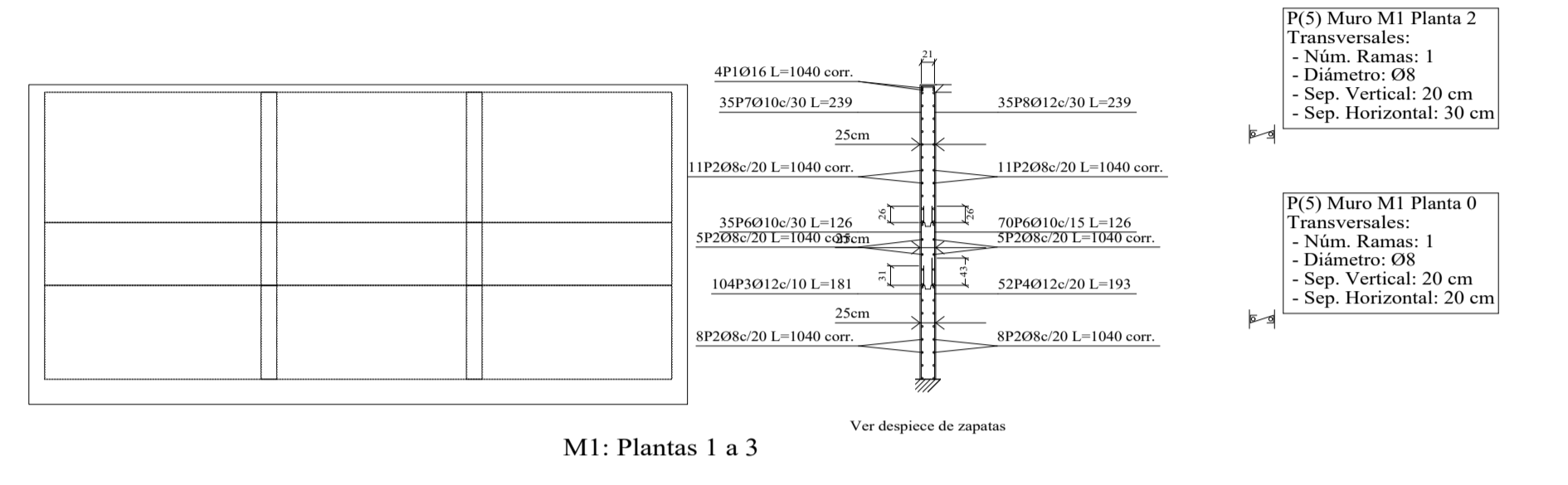
ESCALA: INDICADA

FECHA: TARIJA MAYO DE 2024

PLANO Nº: 3/18



Cuadro de pilares
 Hormigón: H-25 , Control Normal
 Acero: AH-500 , Control Normal
 Escala: 1:50



Resumen Acero	Muros de hormigón armado	Long. total (m)	Peso+10% (kg)	Total
AH-500CN	Ø8	731.5	318	
	Ø10	1447.4	982	
	Ø12	1385.3	1353	
	Ø16	133.9	233	2886

UNIVERSIDAD A. JUAN MISAEL SARACHO

UNIVERSITARIO:
MÉNDEZ SÁNCHEZ KELLY GISELLE

PROYECTO:
DISEÑO ESTRUCTURAL HOTEL AYRE
ZONA MORROS BLANCOS

TÍTULO DE LAMINA:
MUROS Y REPLANTEO DE COLUMNAS

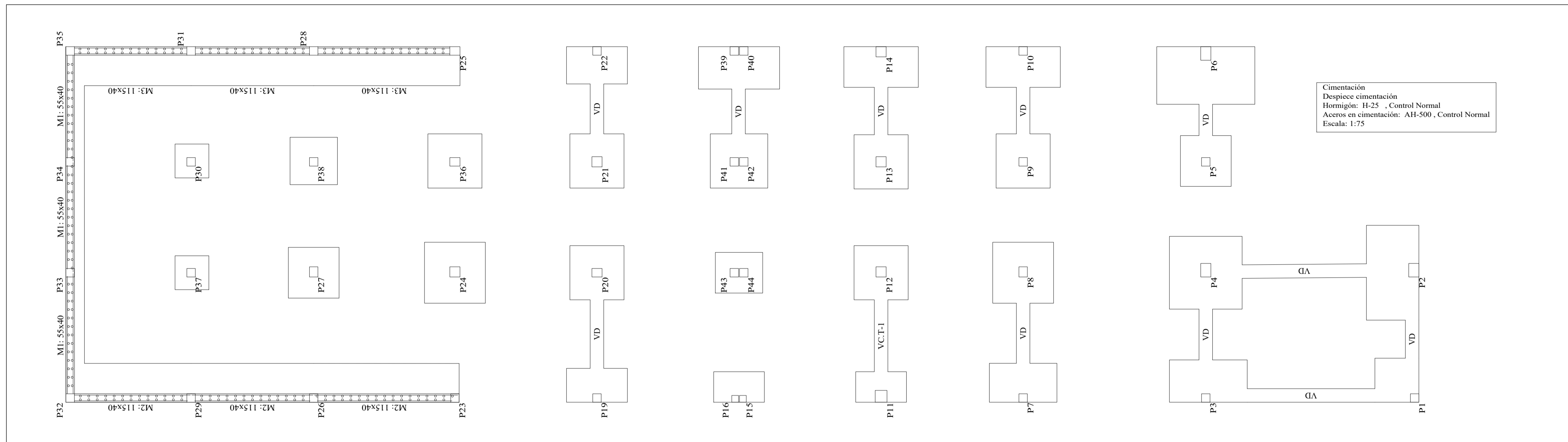
MATERIA:
CIV-502 PROYECTO DE INGENIERIA CIVIL II

ESCALA:
INDICADA

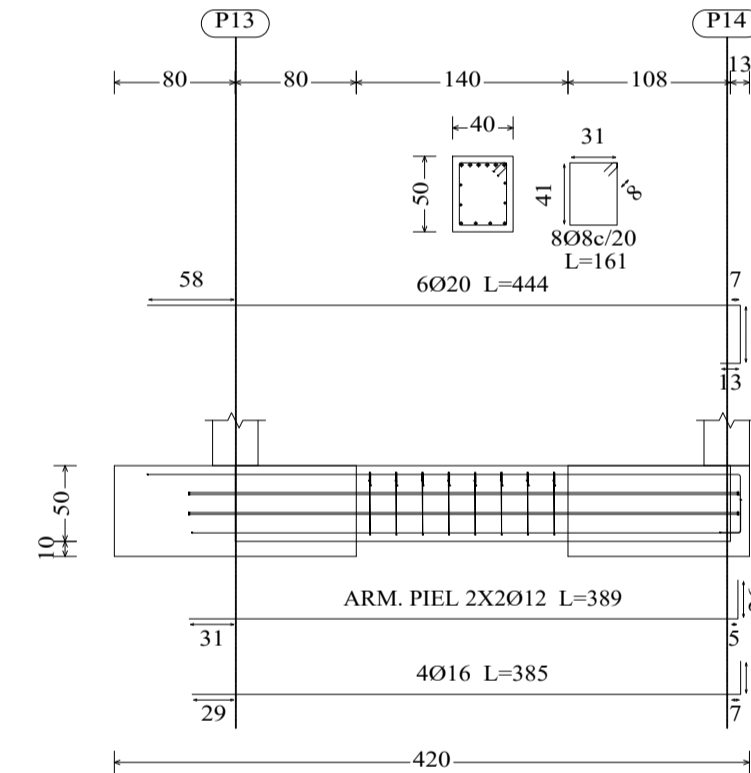
FECHA:
TARJIA MAYO DE 2024

PLANO Nº

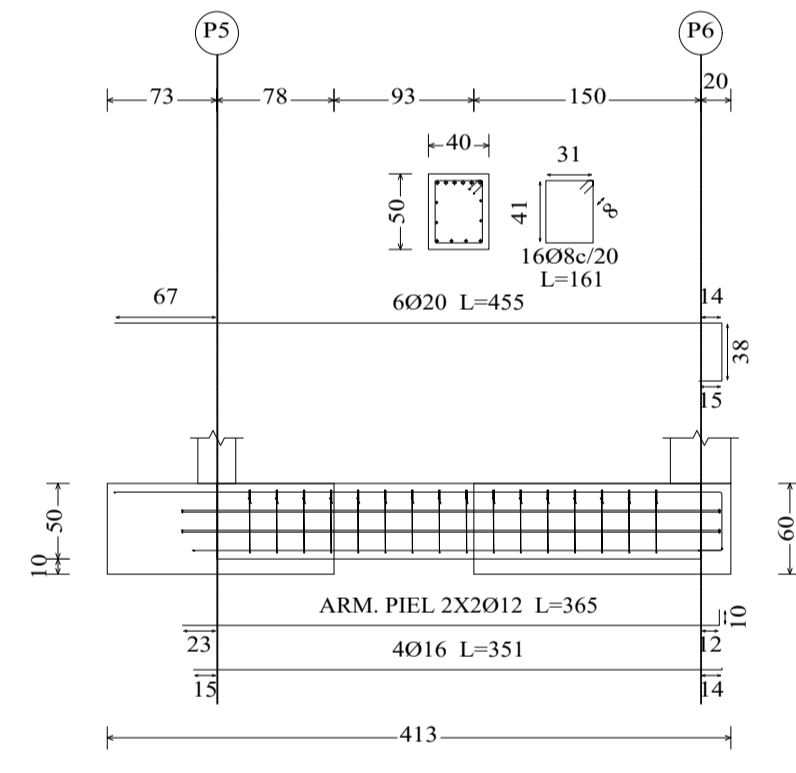
4/18



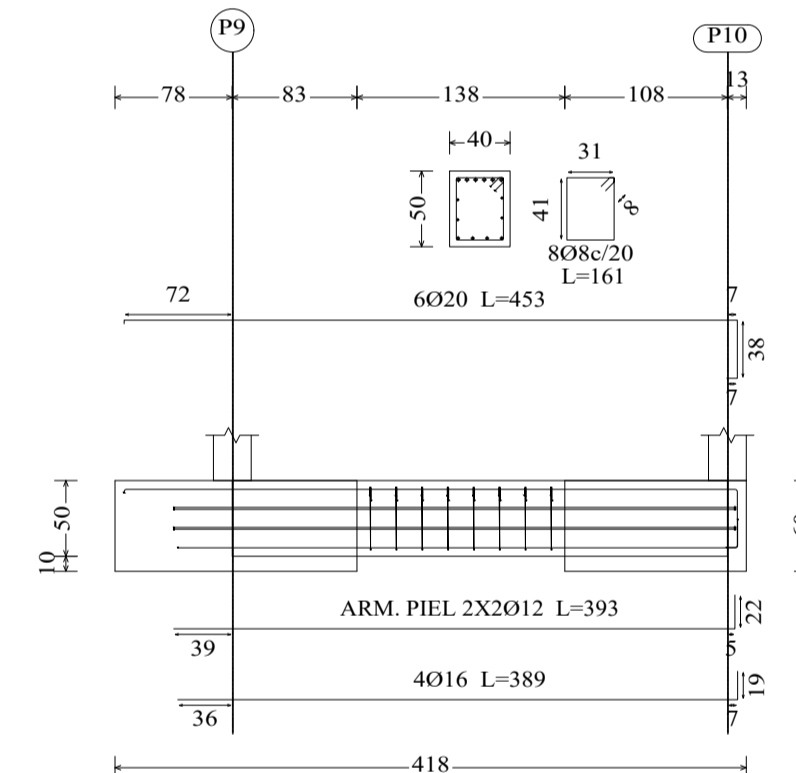
VD [P13 - P14]



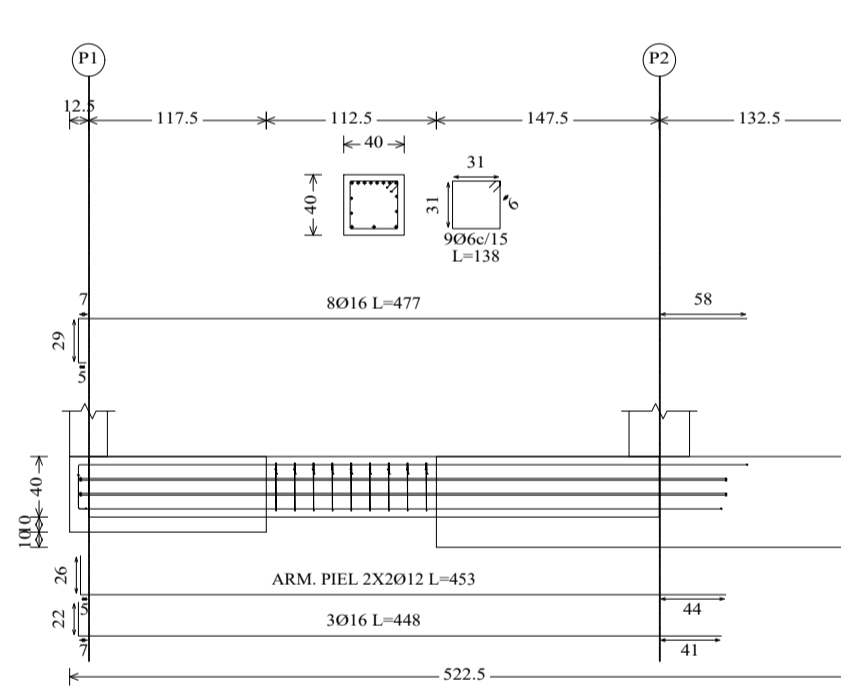
VD [P5 - P6]



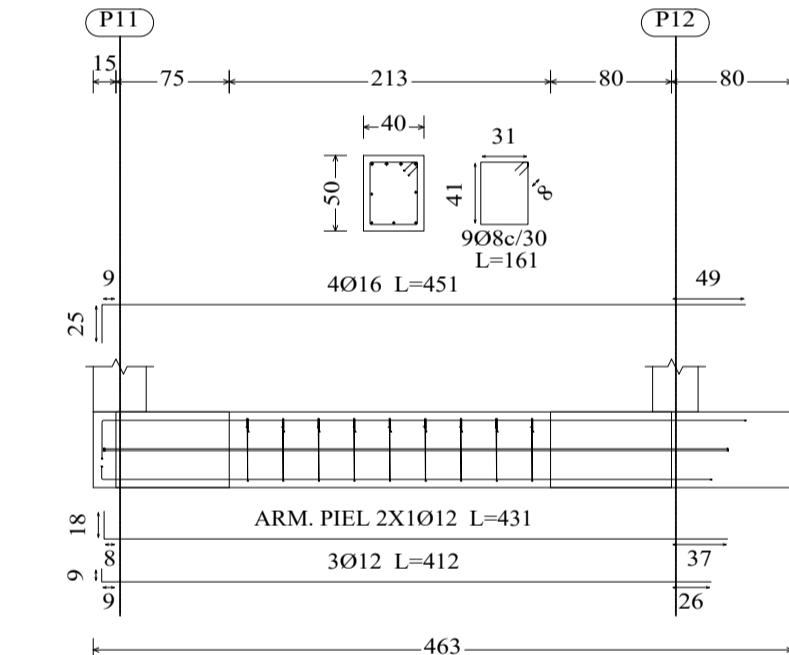
VD [P9 - P10]



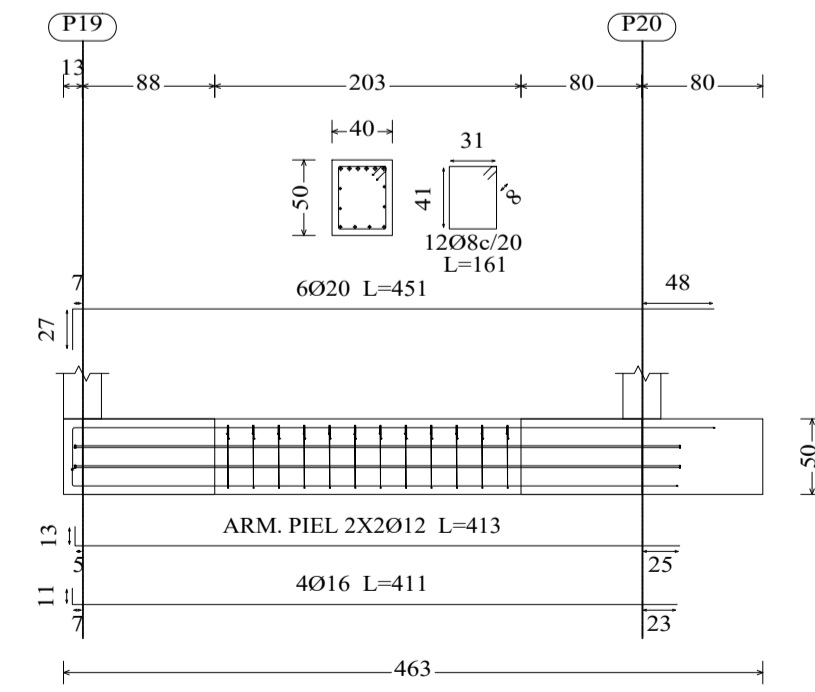
VD [P1 - P2]



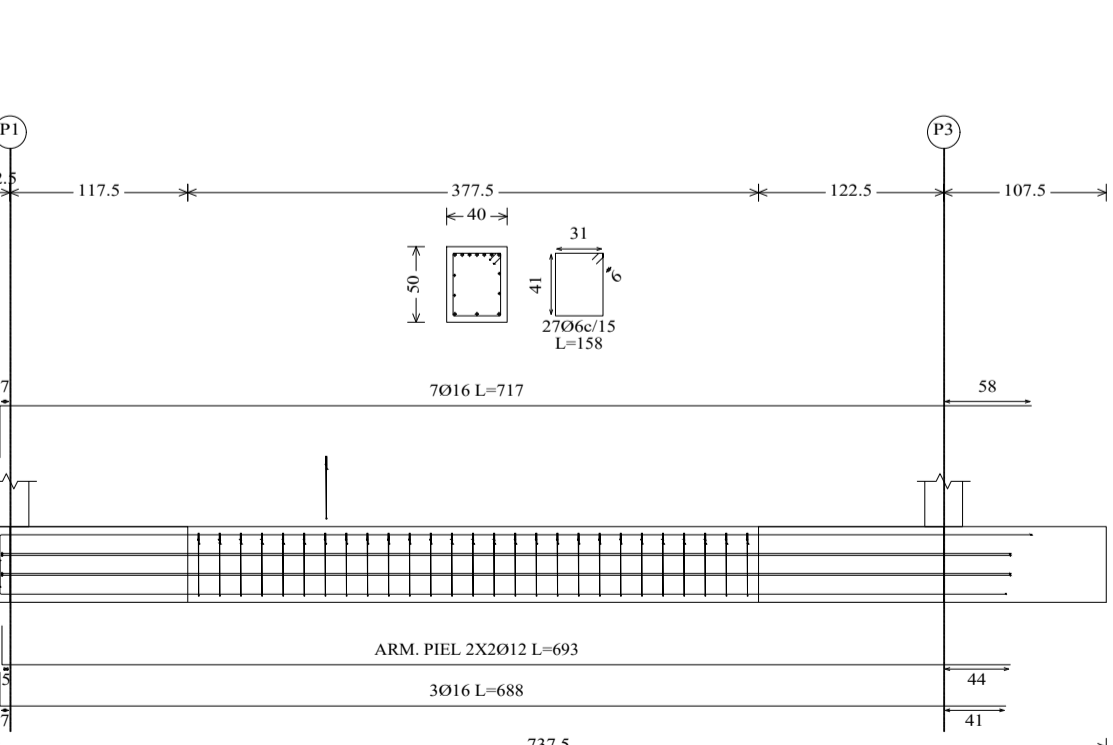
VC.T-1 [P11 - P12]



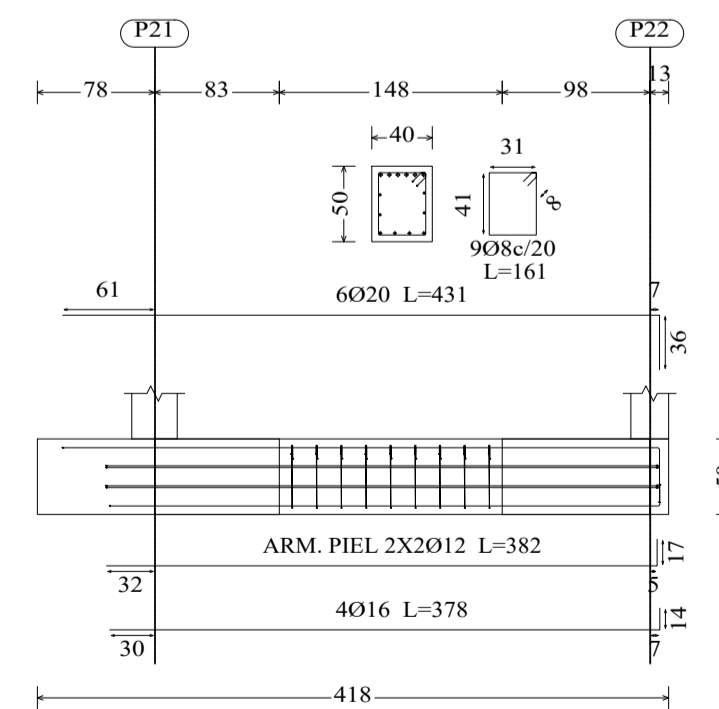
VD [P19 - P20]



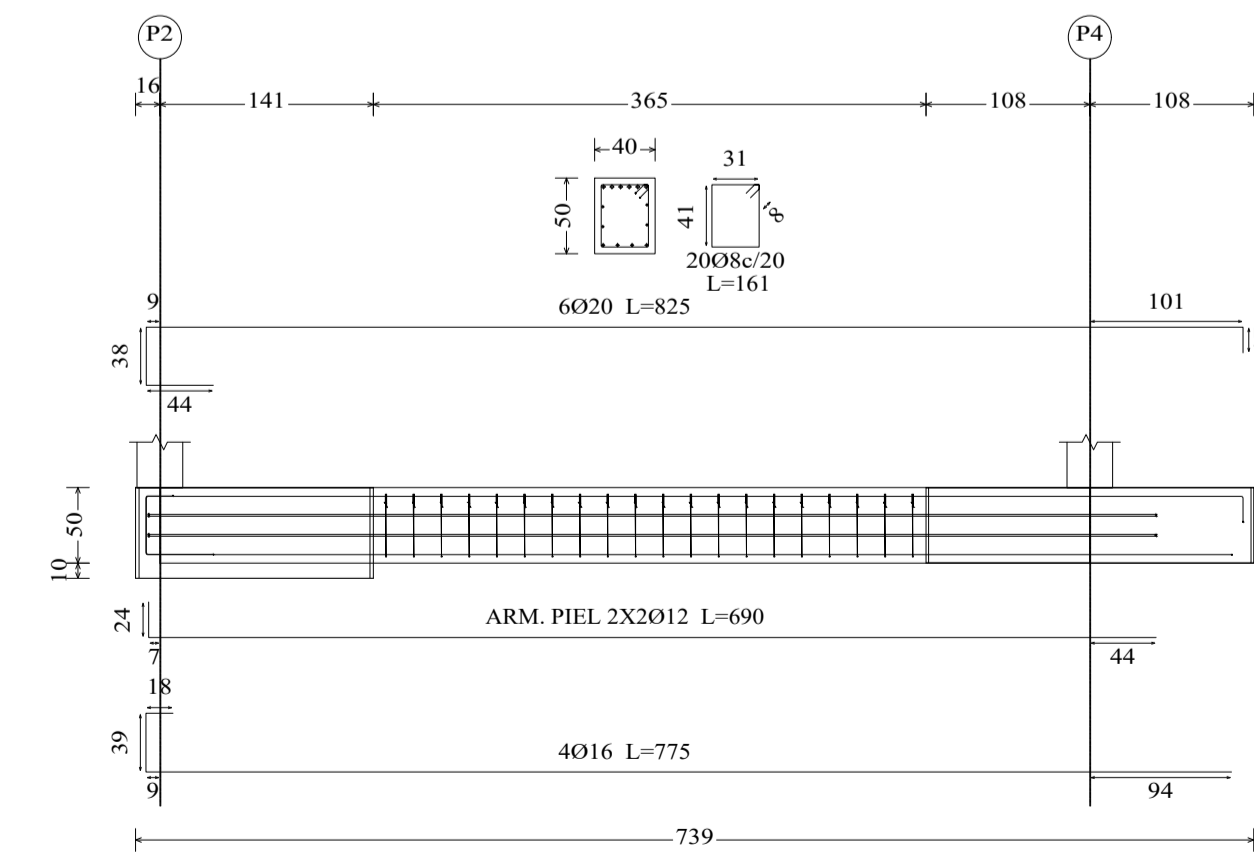
VD [P1 - P3]



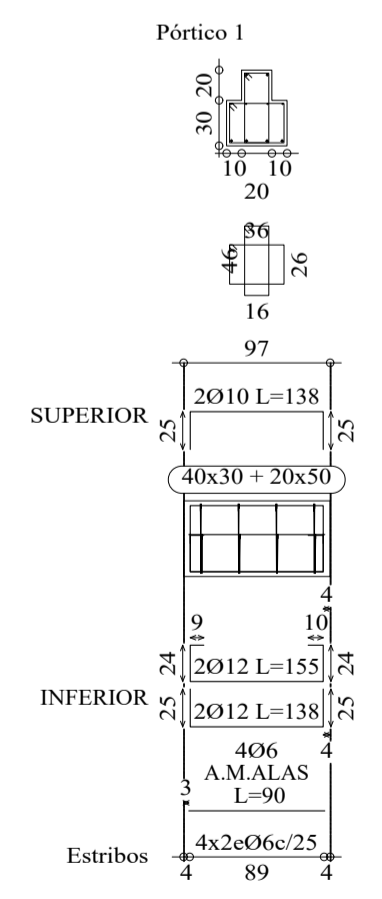
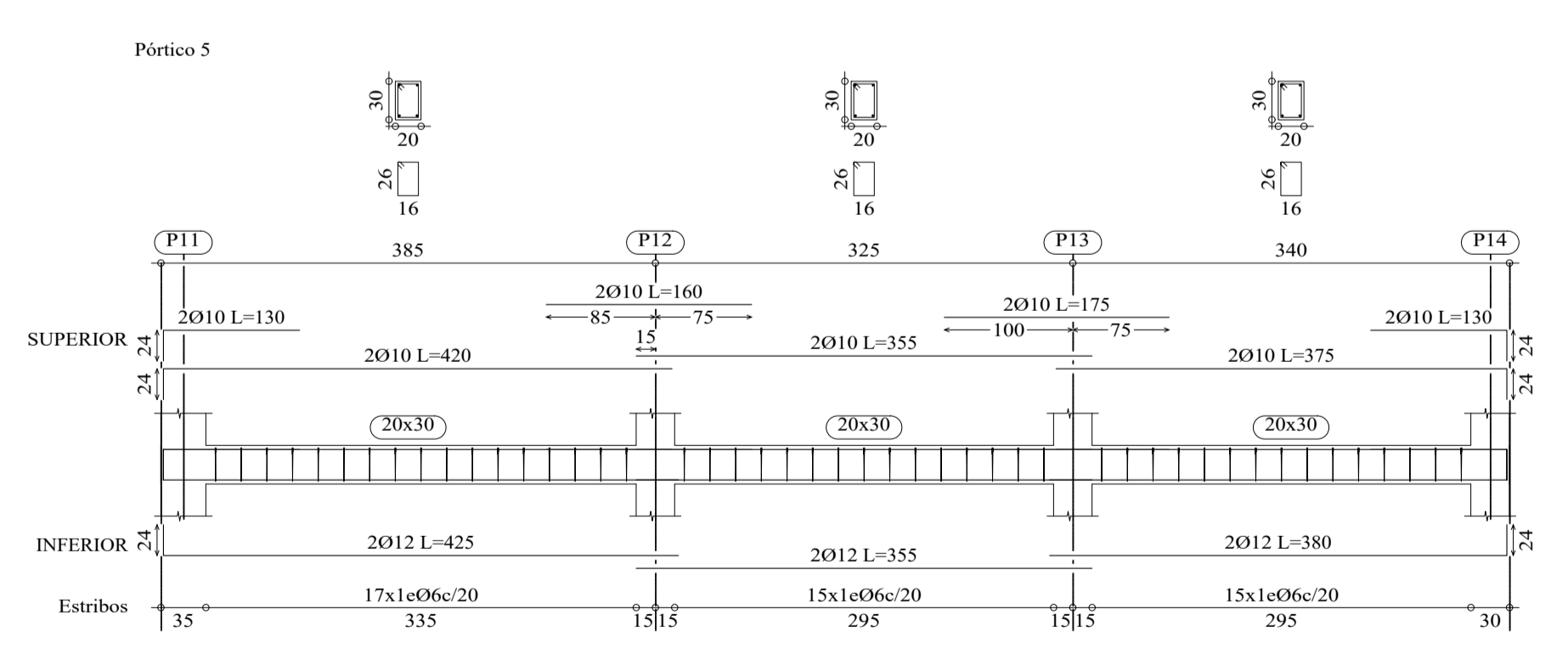
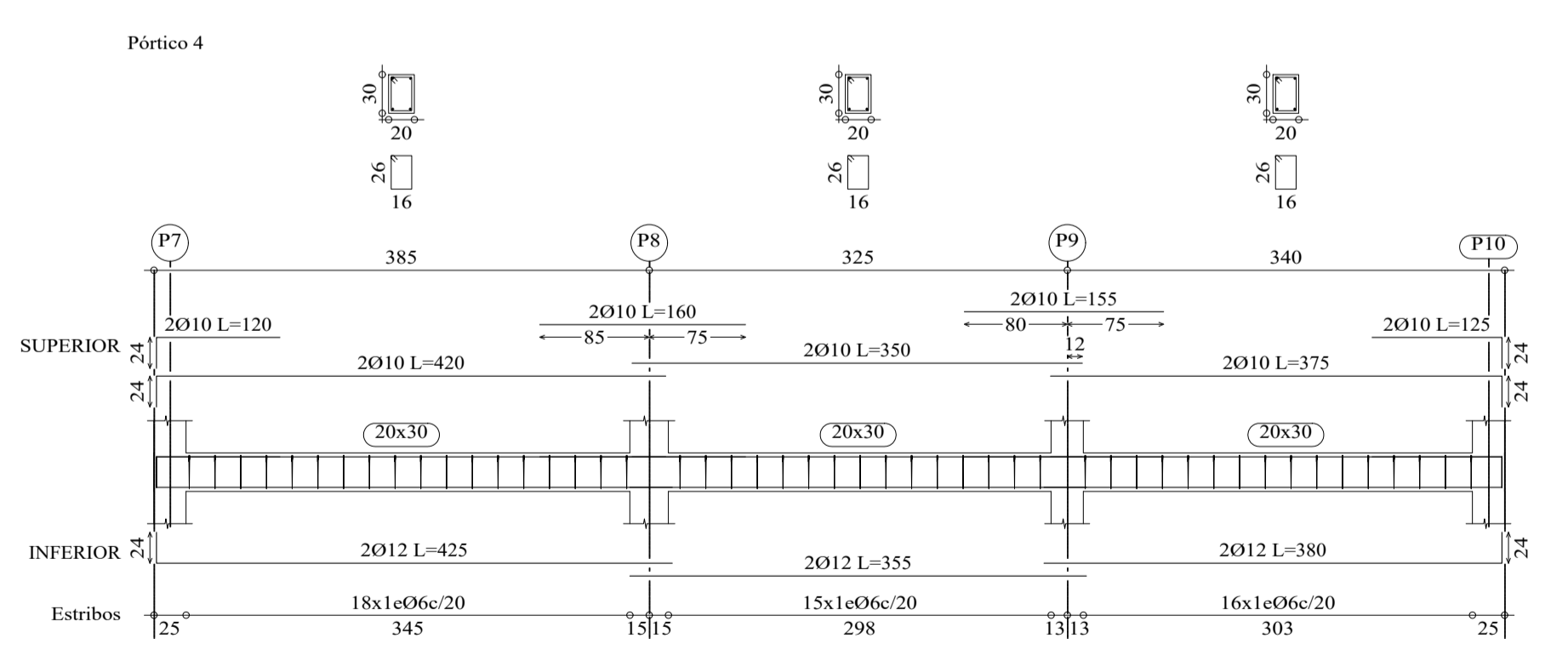
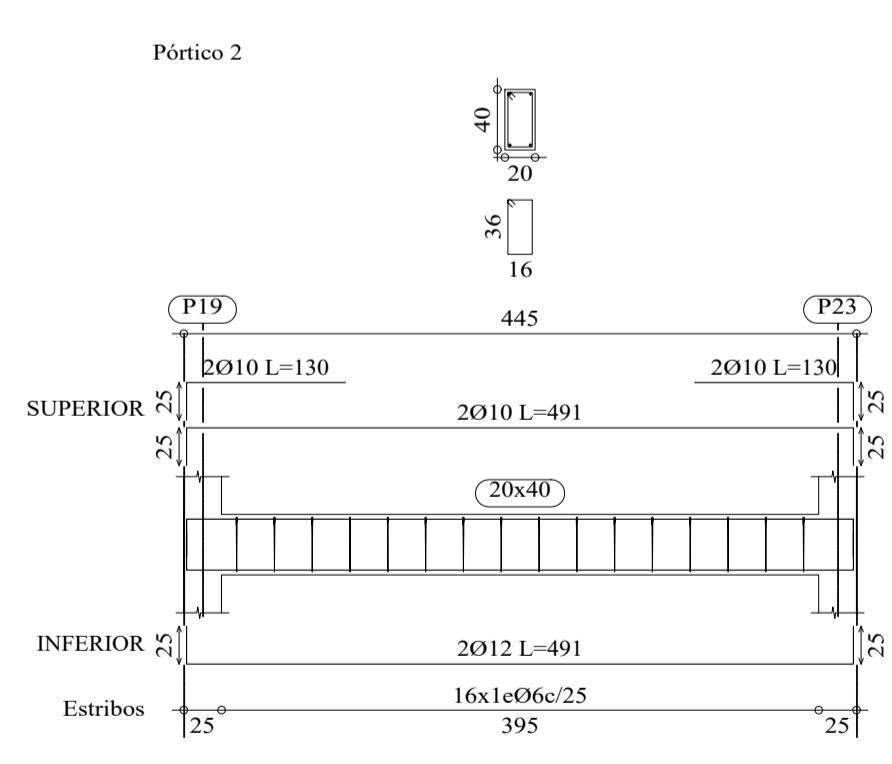
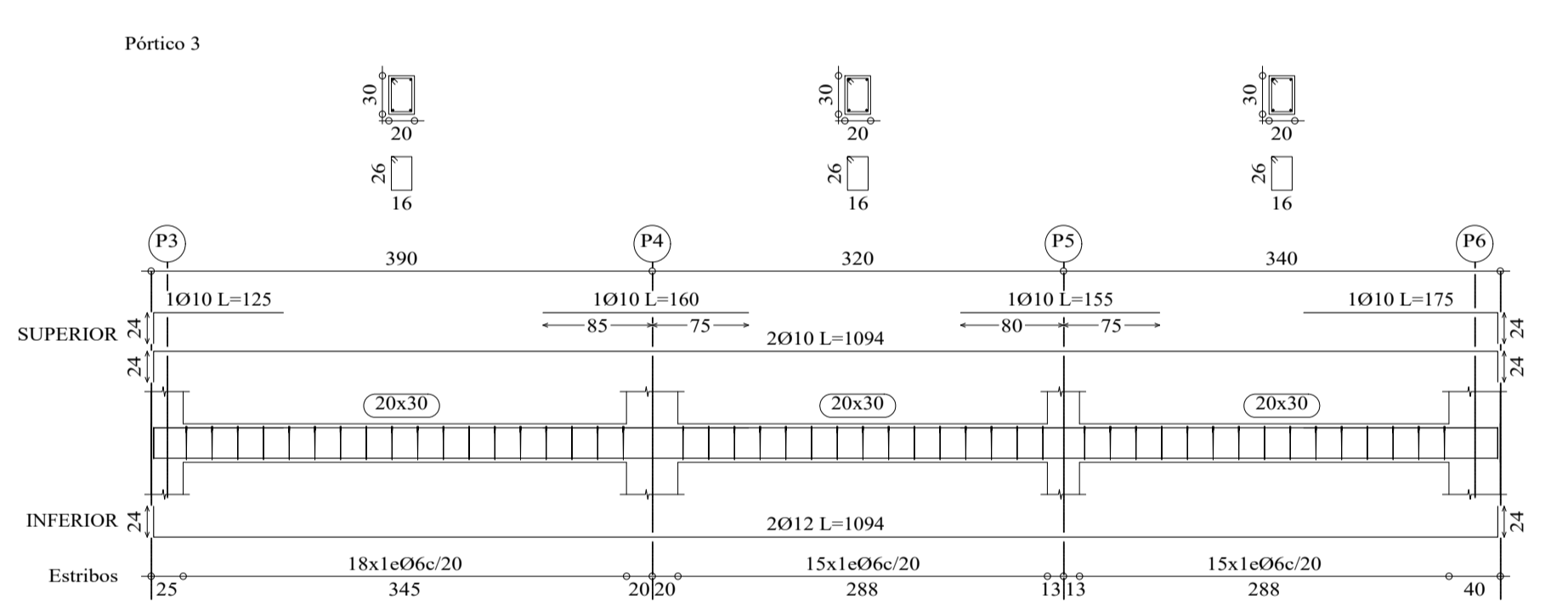
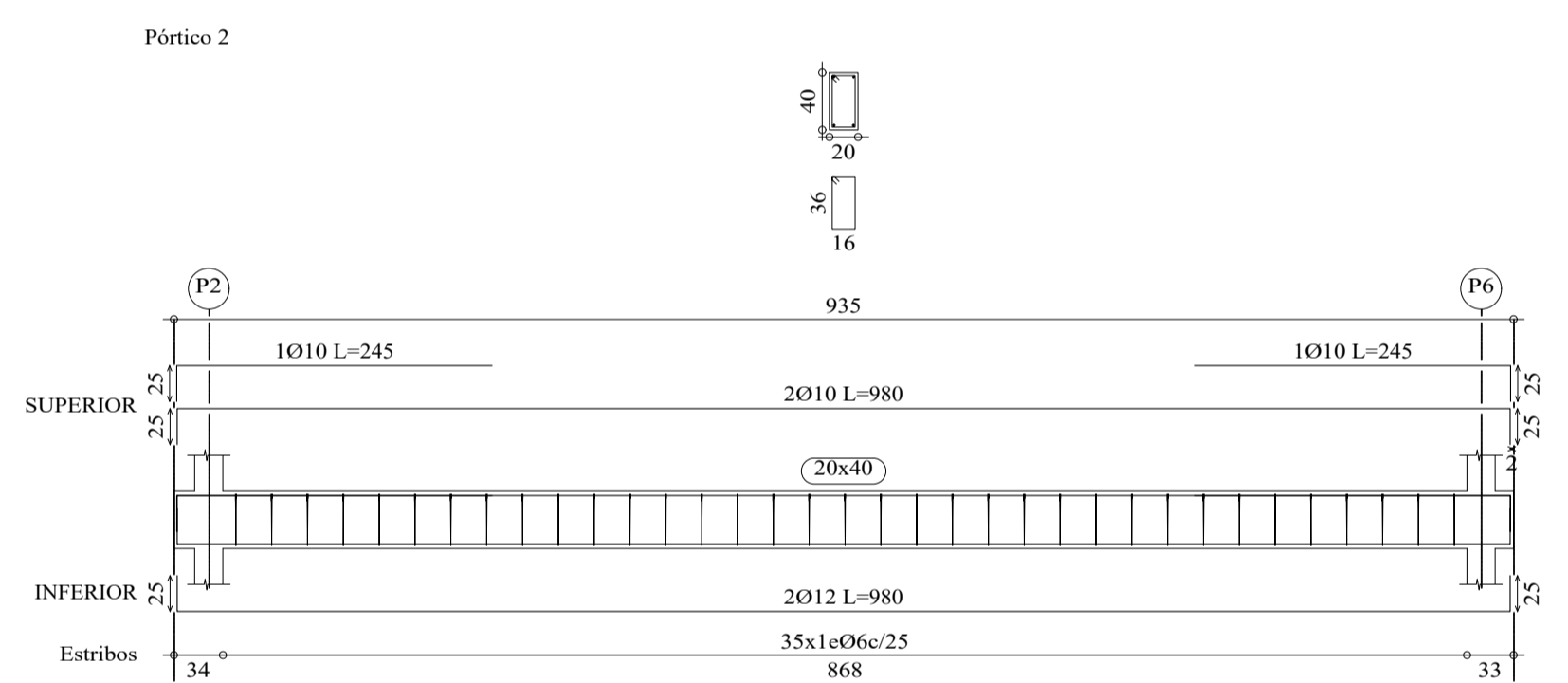
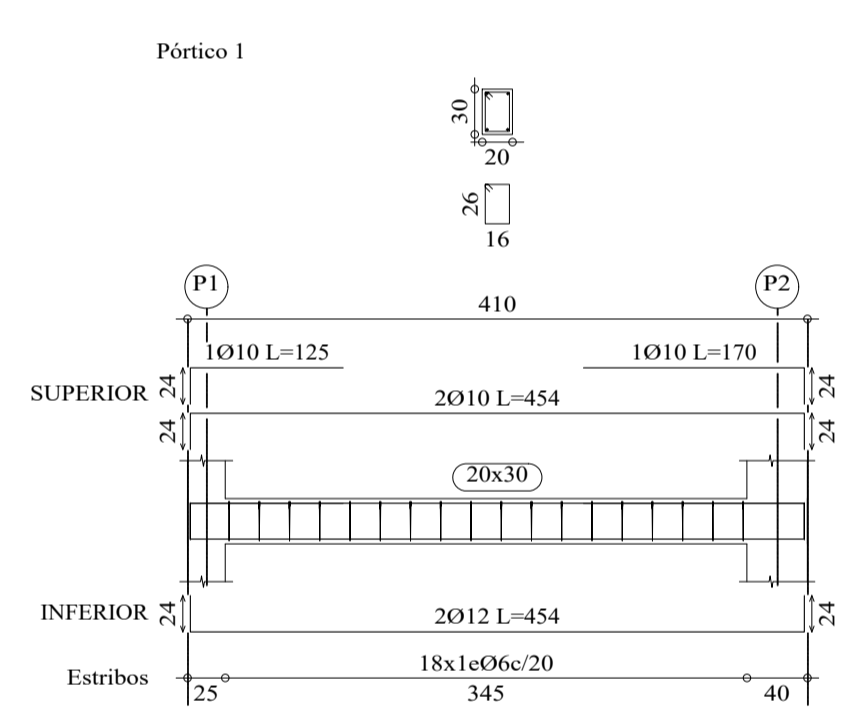
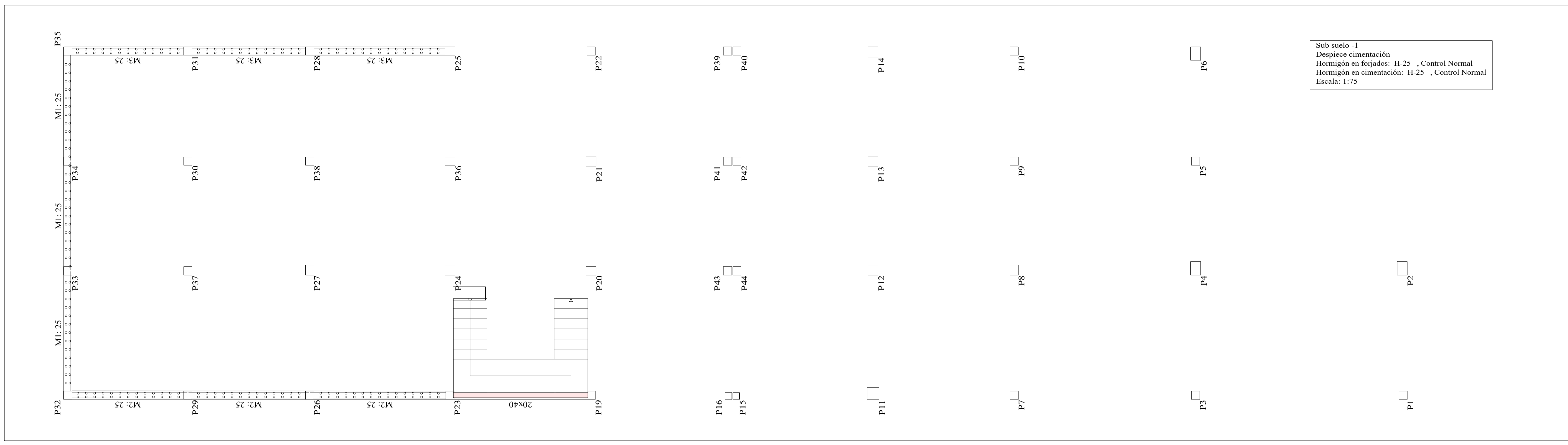
VD [P21 - P22]



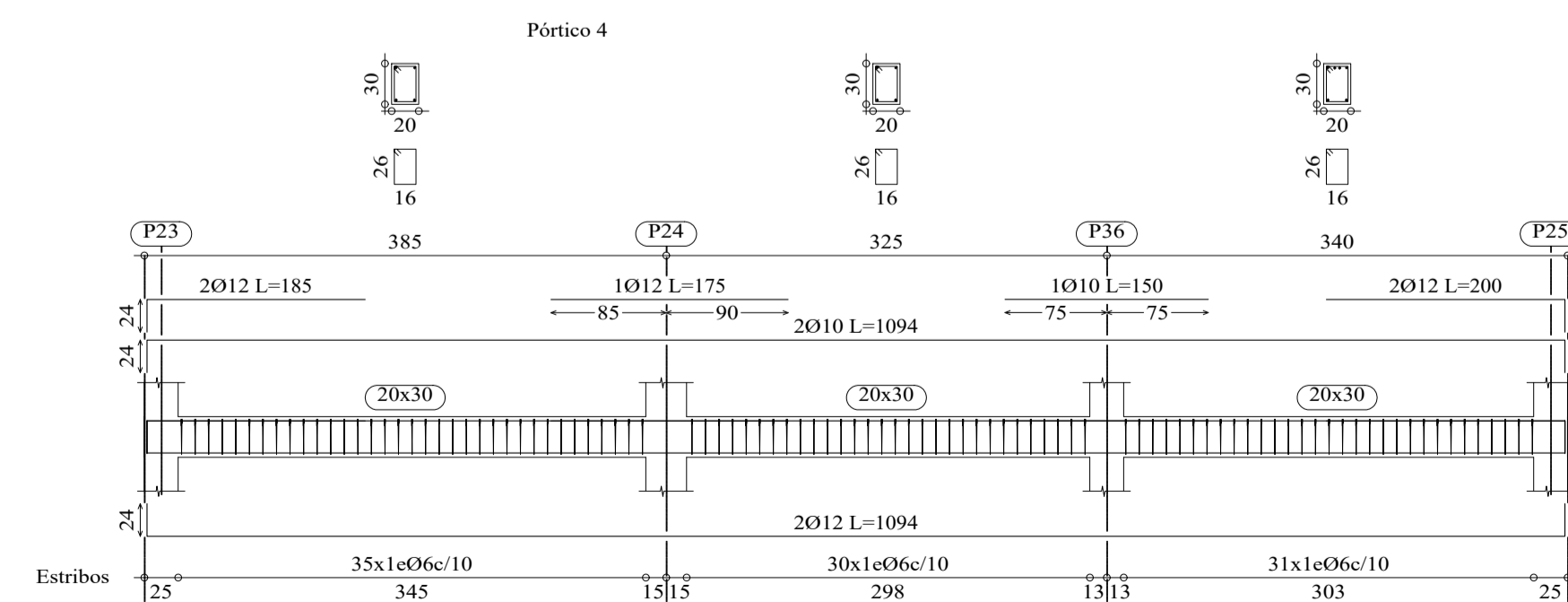
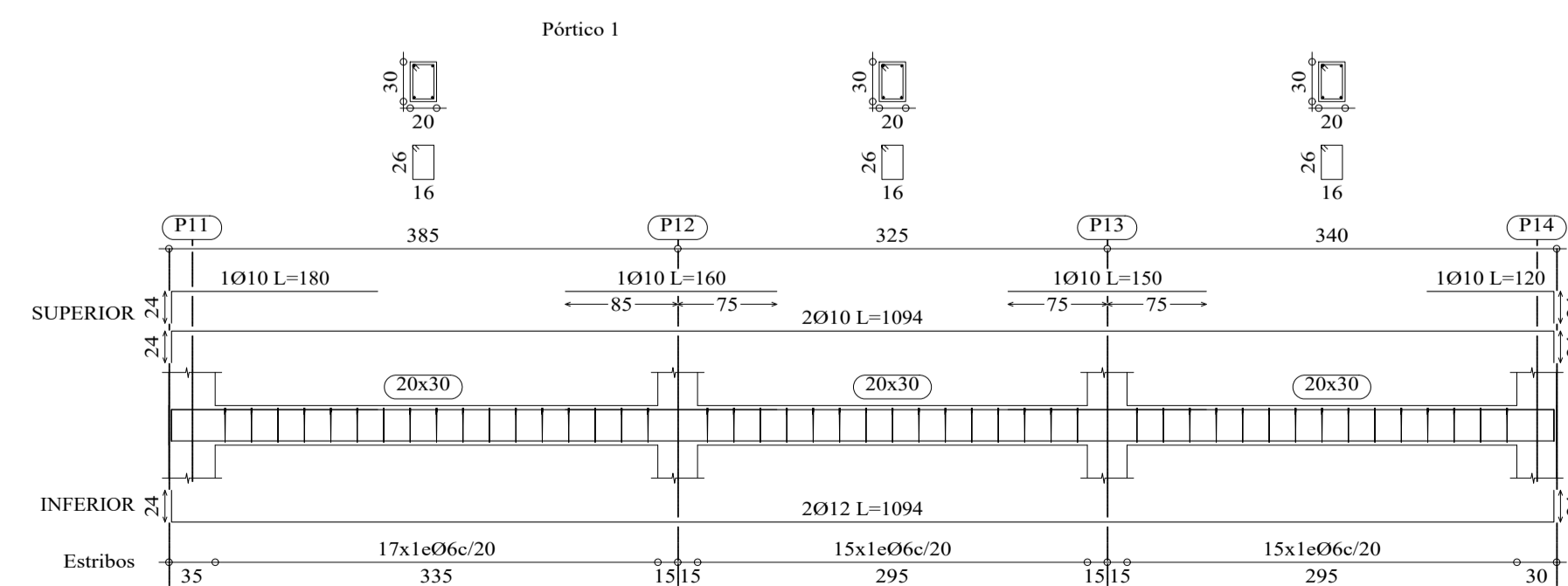
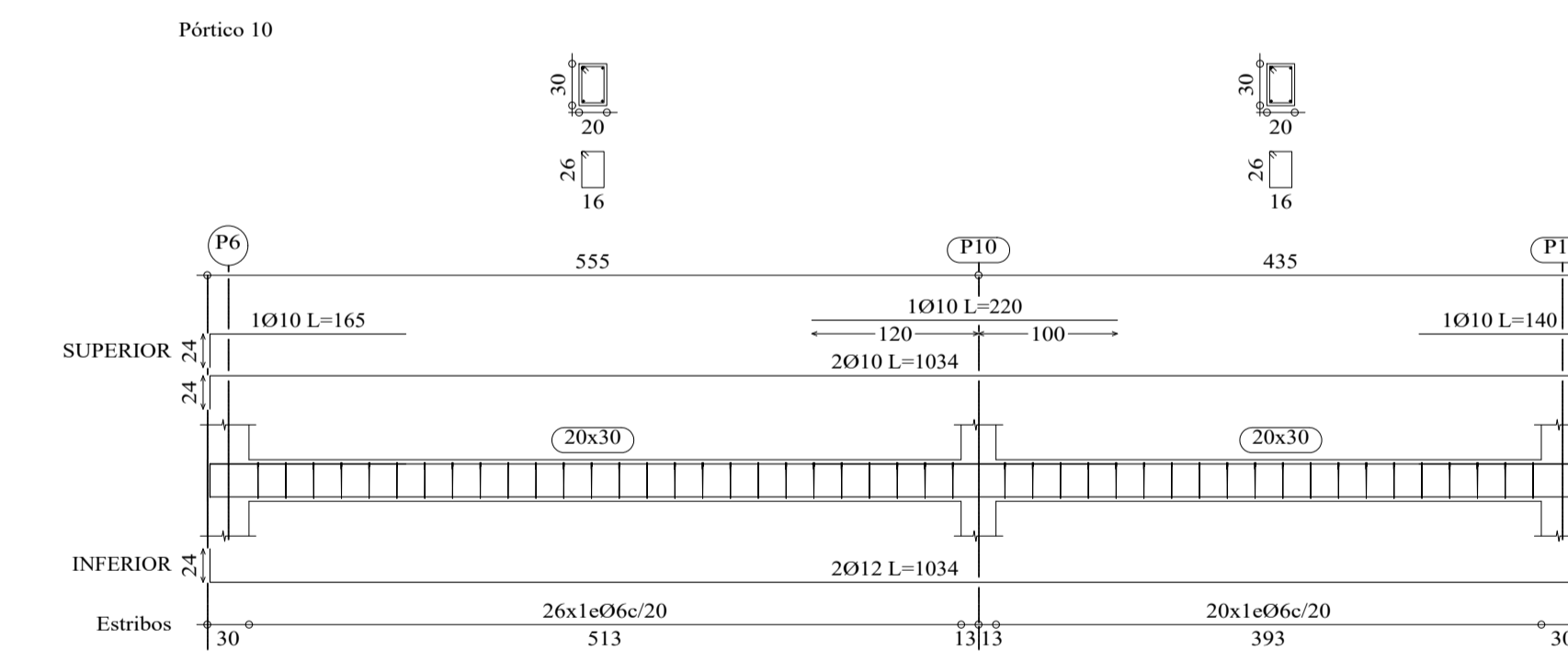
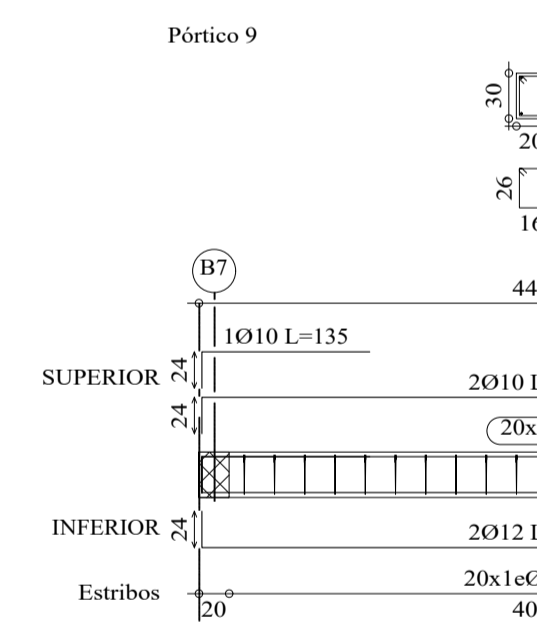
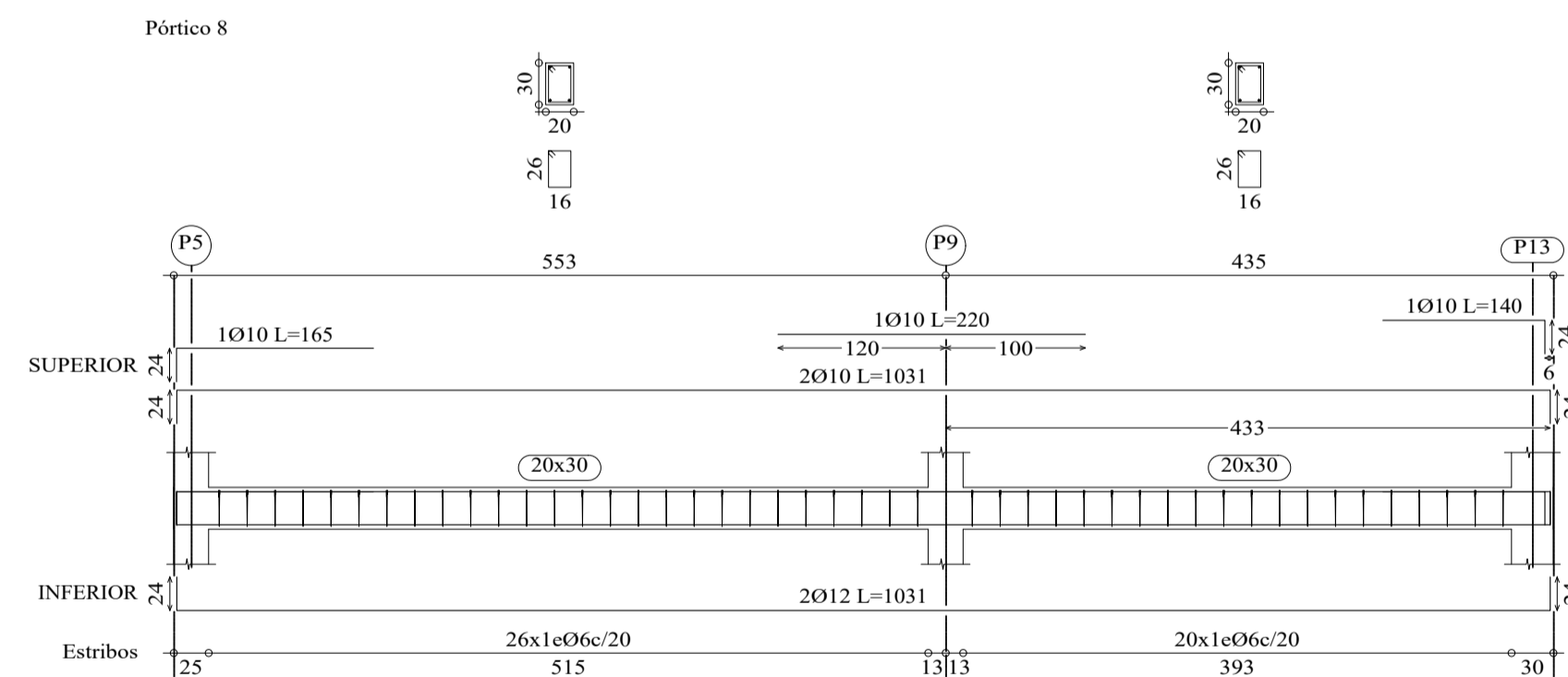
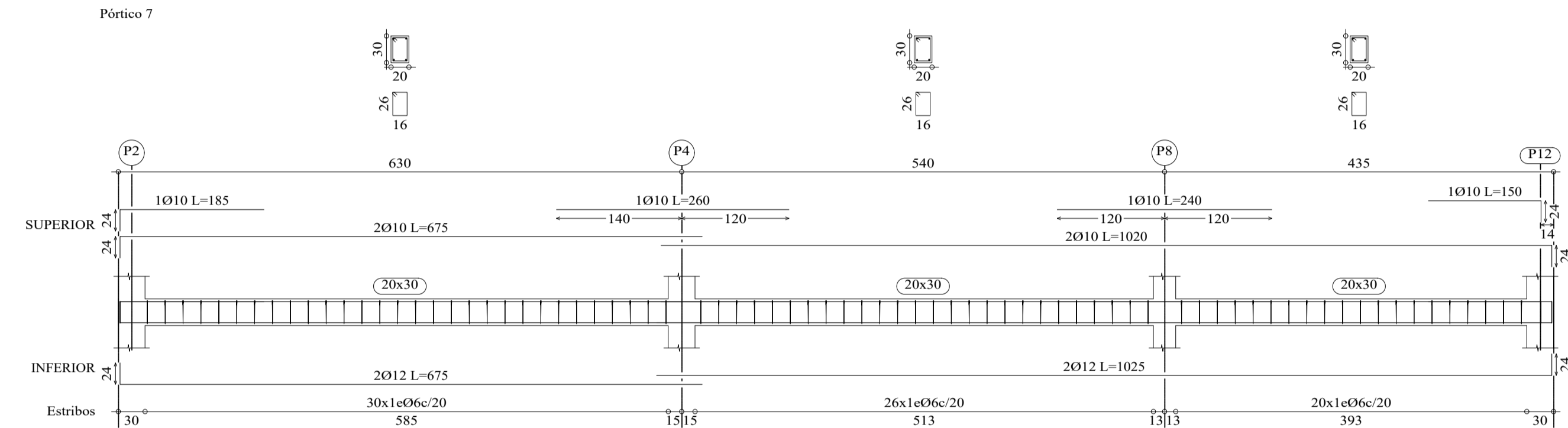
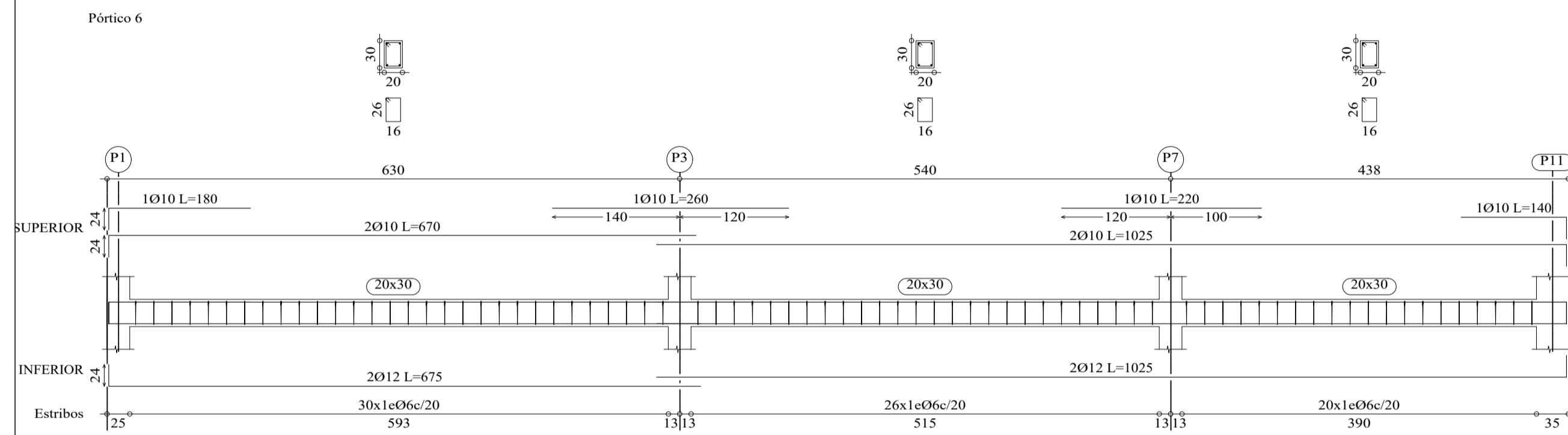
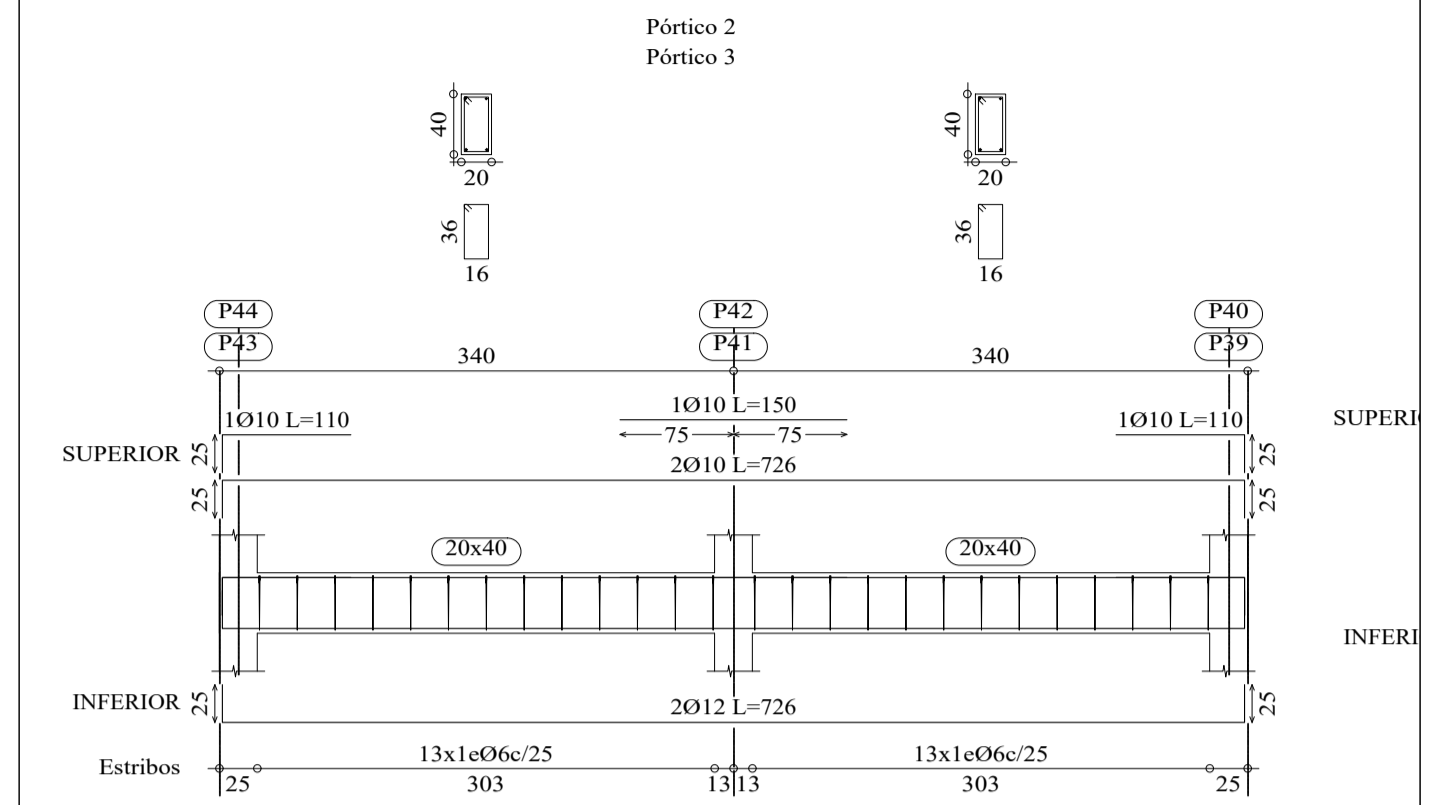
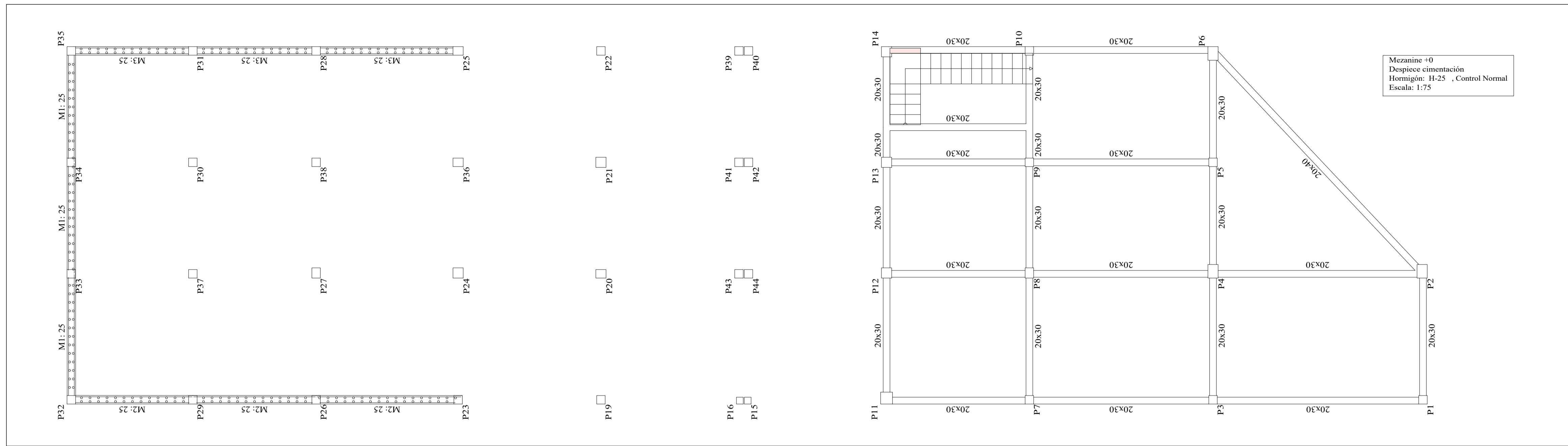
VD [P2 - P4]



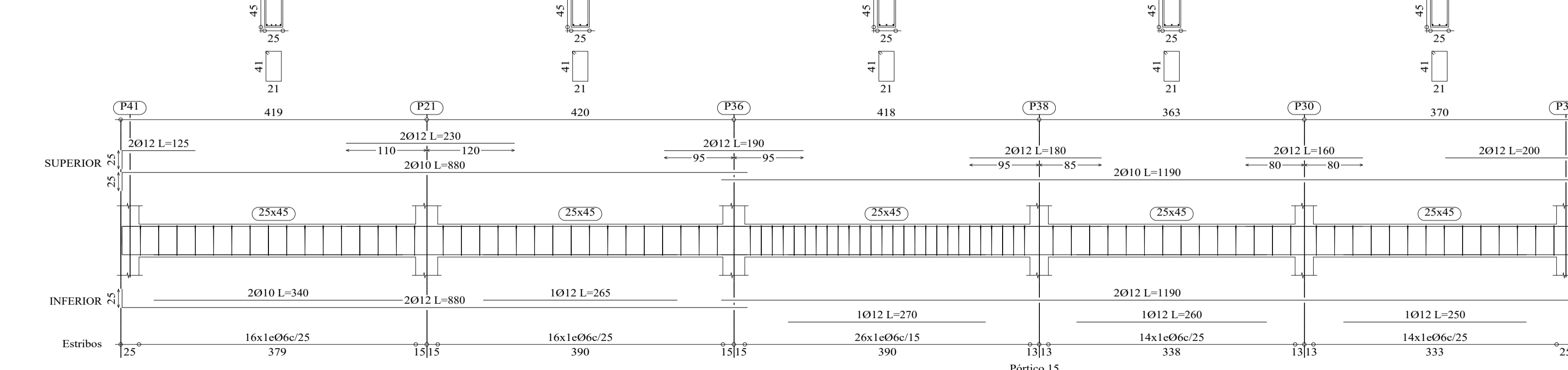
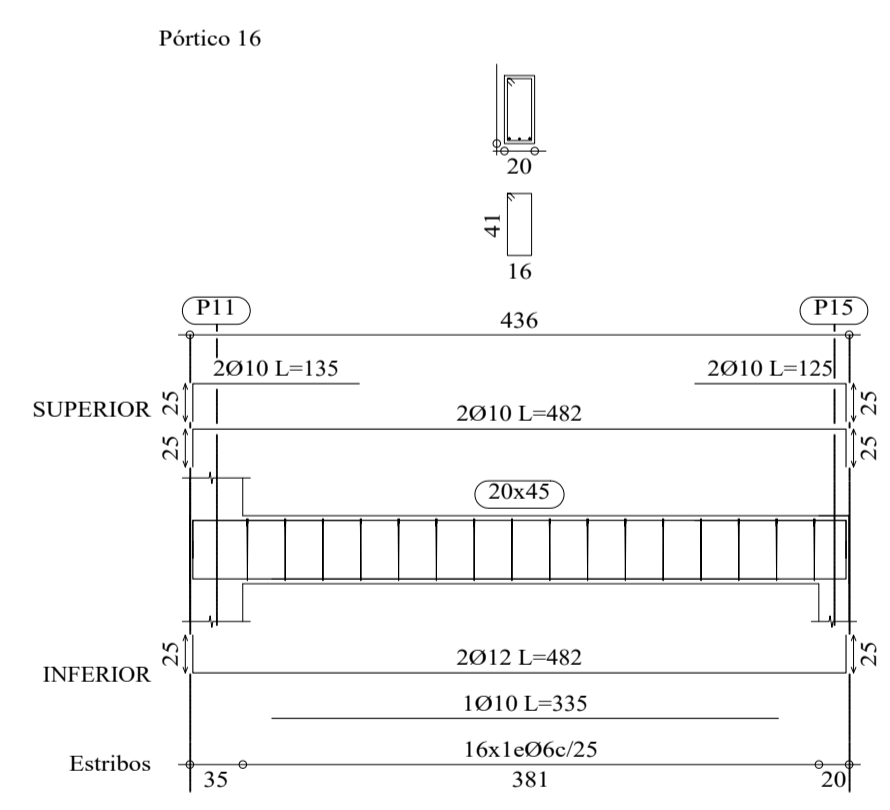
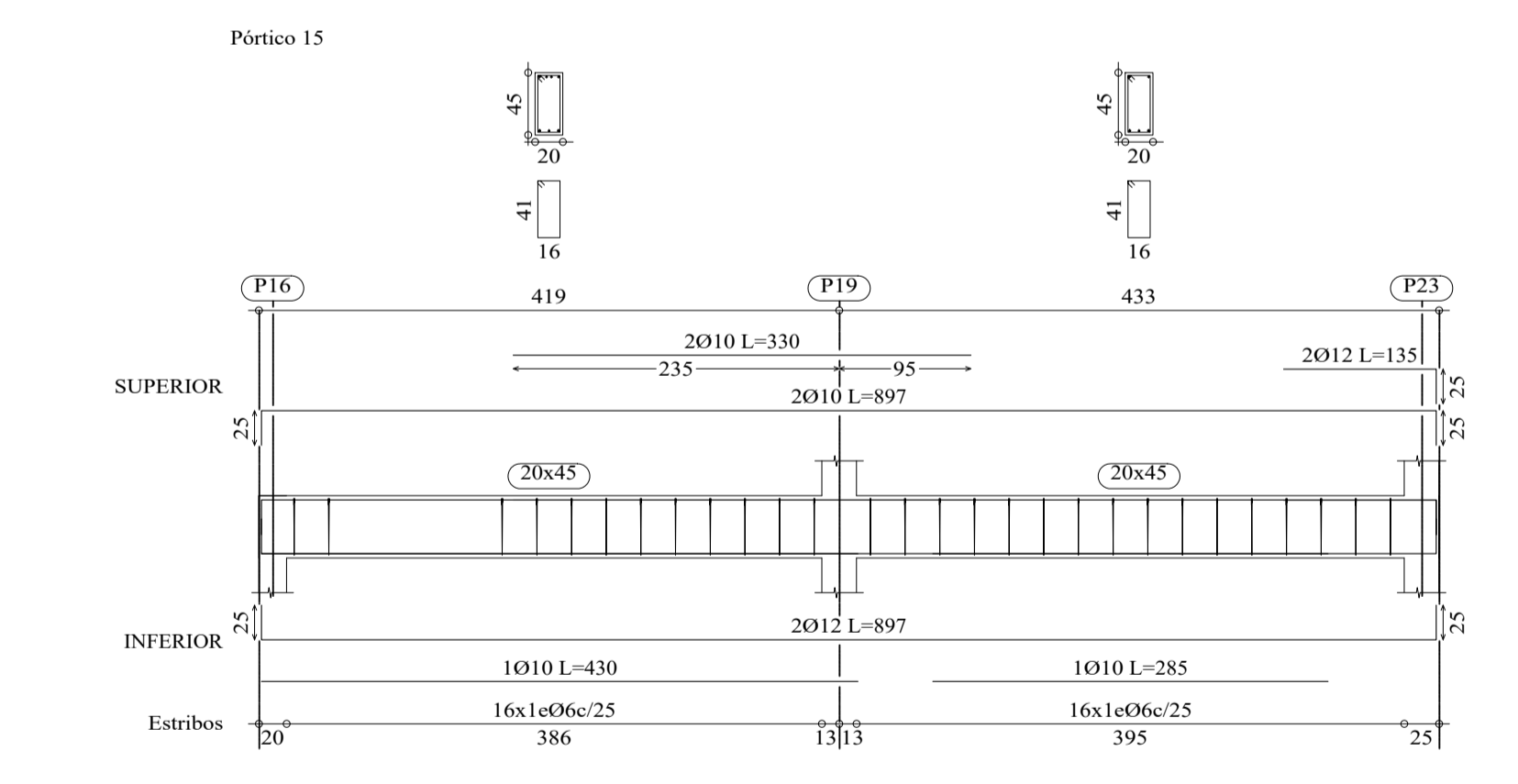
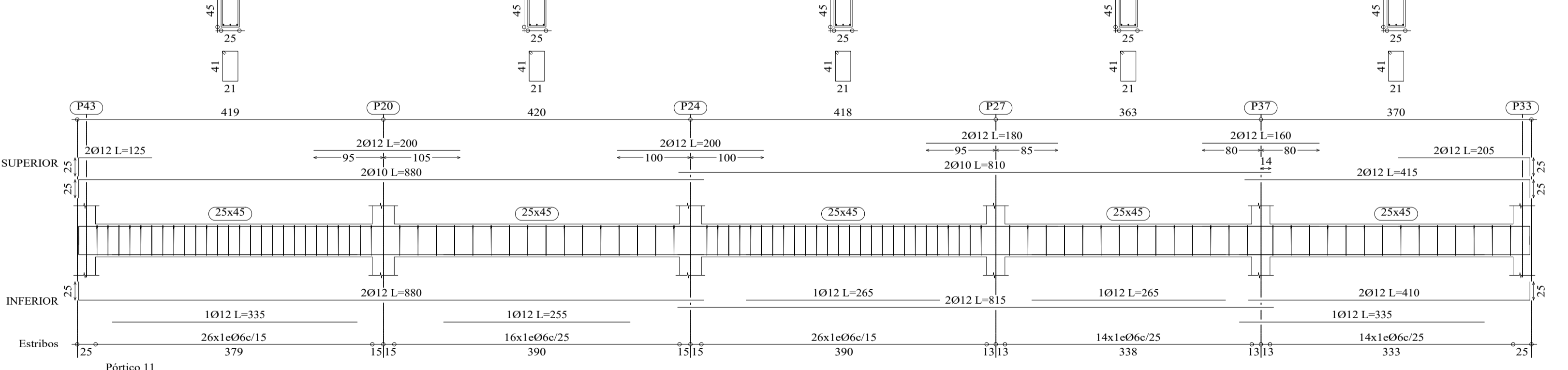
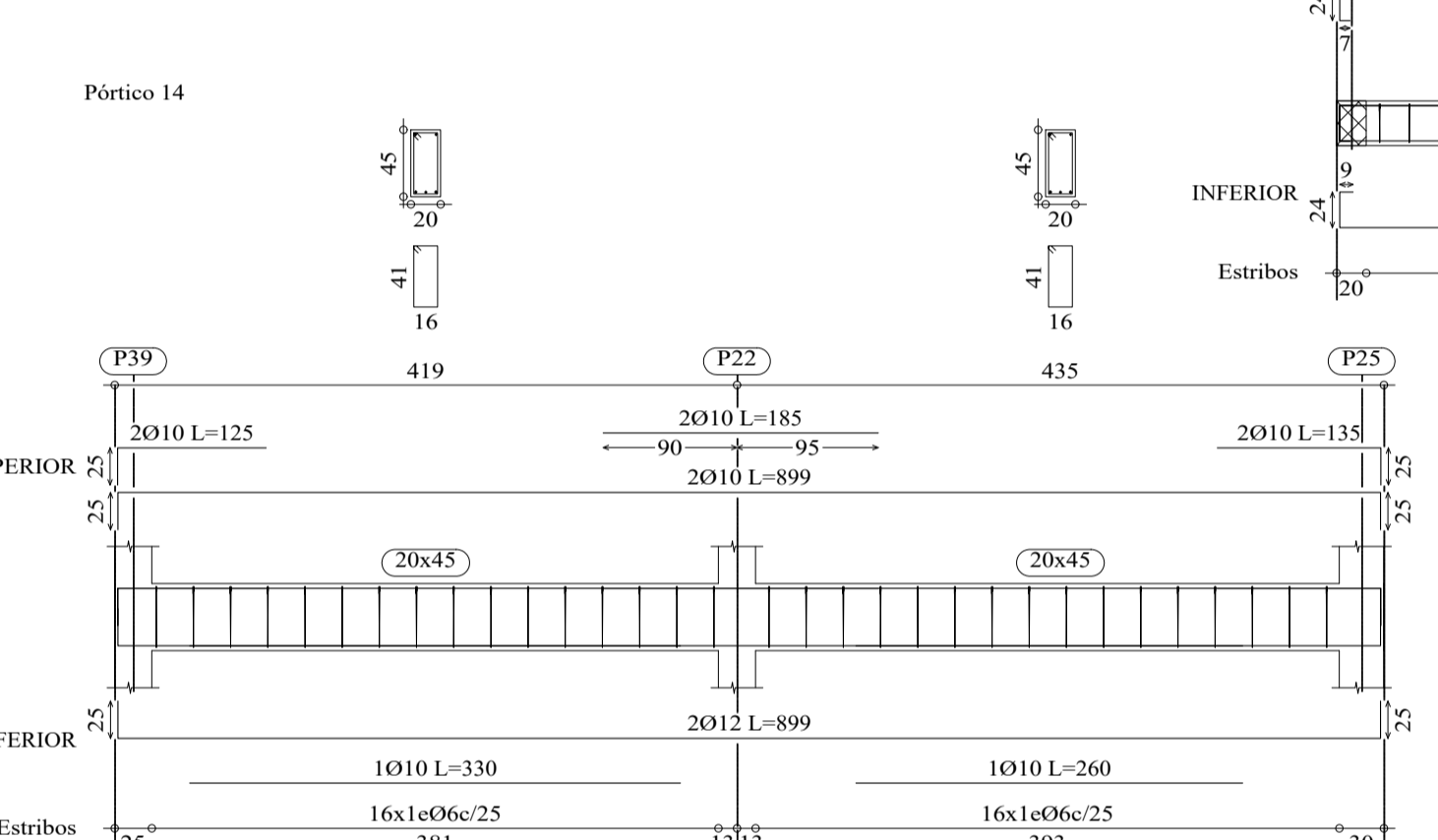
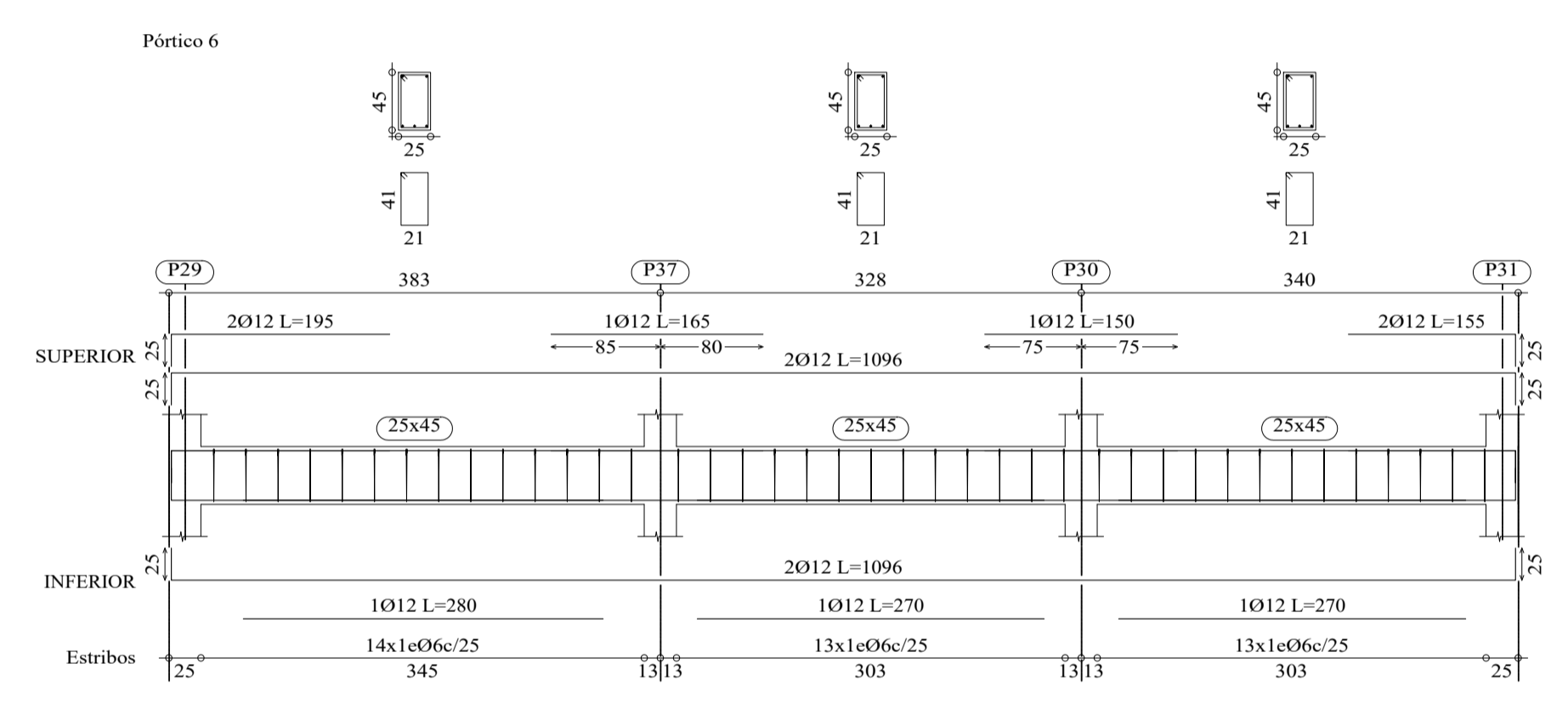
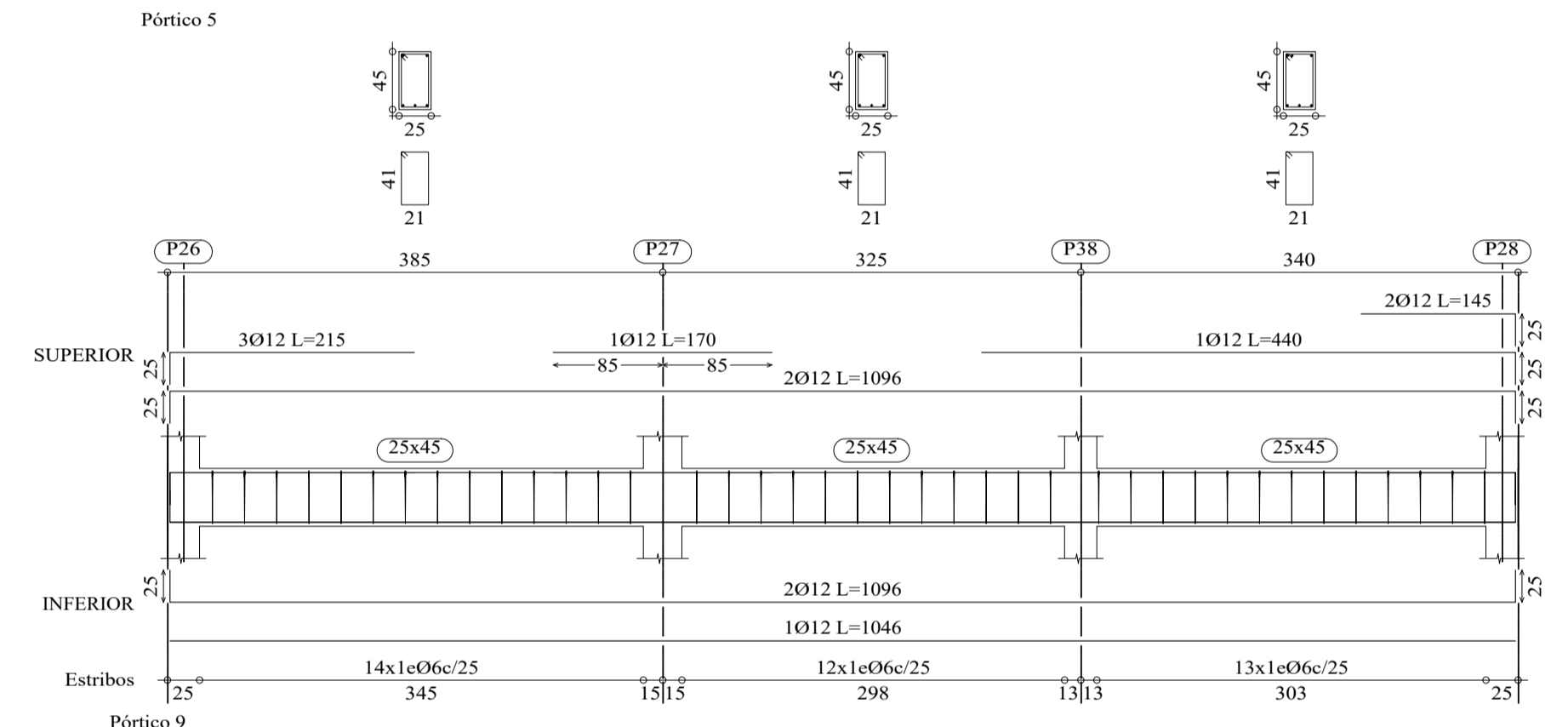
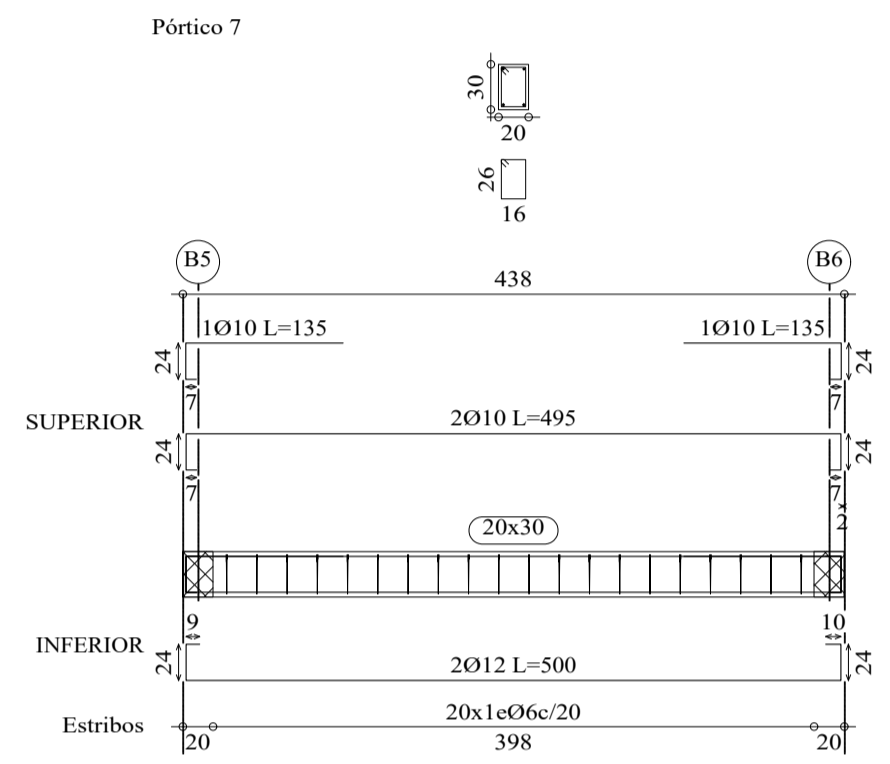
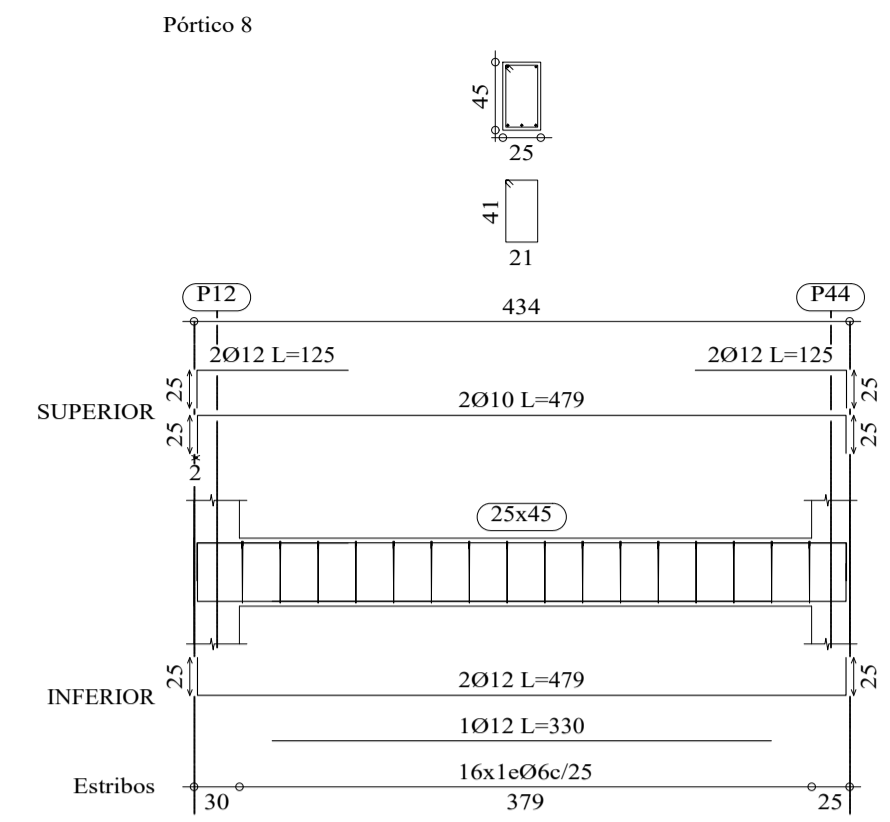
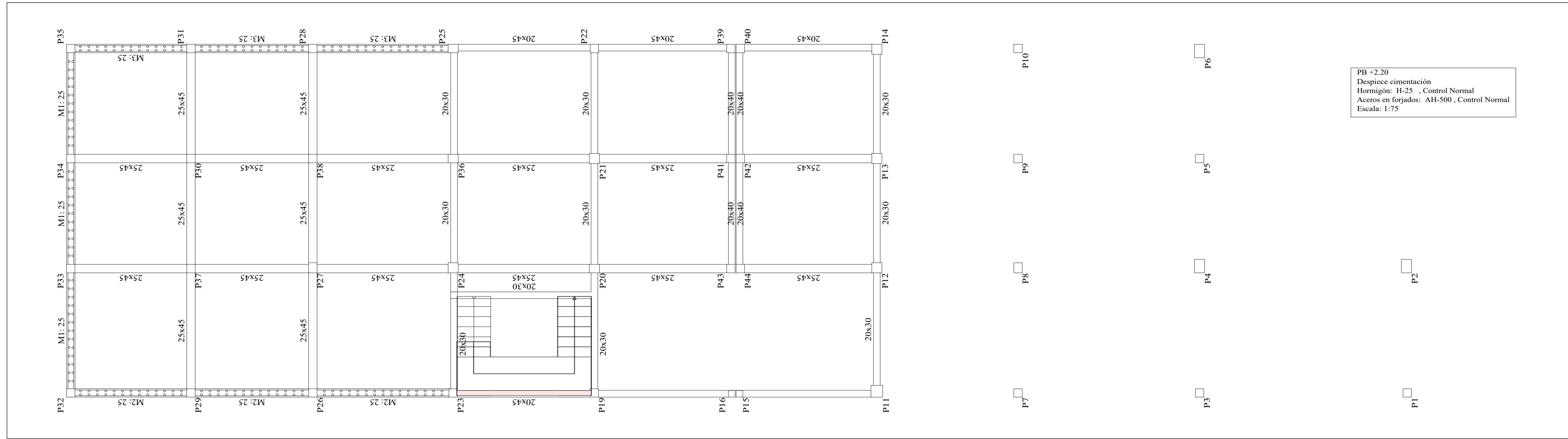
UNIVERSIDAD A. JUAN MISAEL SARACHO		
UNIVERSITARIO: MÉNDEZ SÁNCHEZ KELLY GISELE	MATERIA: CV-502 PROYECTO DE INGENIERIA CIVIL II	
PROYECTO: DISEÑO ESTRUCTURAL HOTEL AYRE ZONA MORROS BLANCOS	ESCALA: INDICADA	PLANO N° 5/18
TÍTULO DE LÁMINA: DESPIECE DE VIGAS NIVEL MEZANINE=0	FECHA: TARAJA MAYO DE 2024	



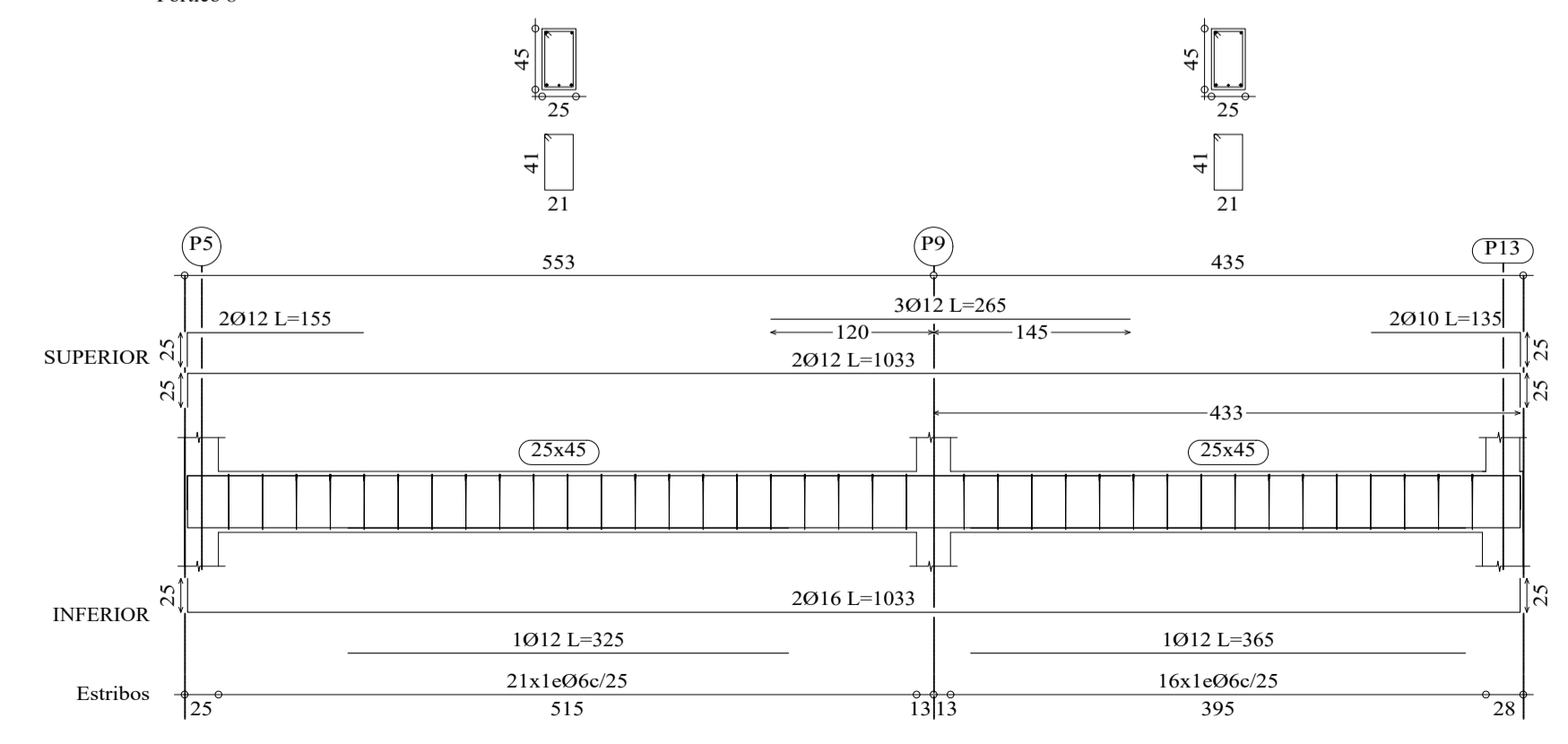
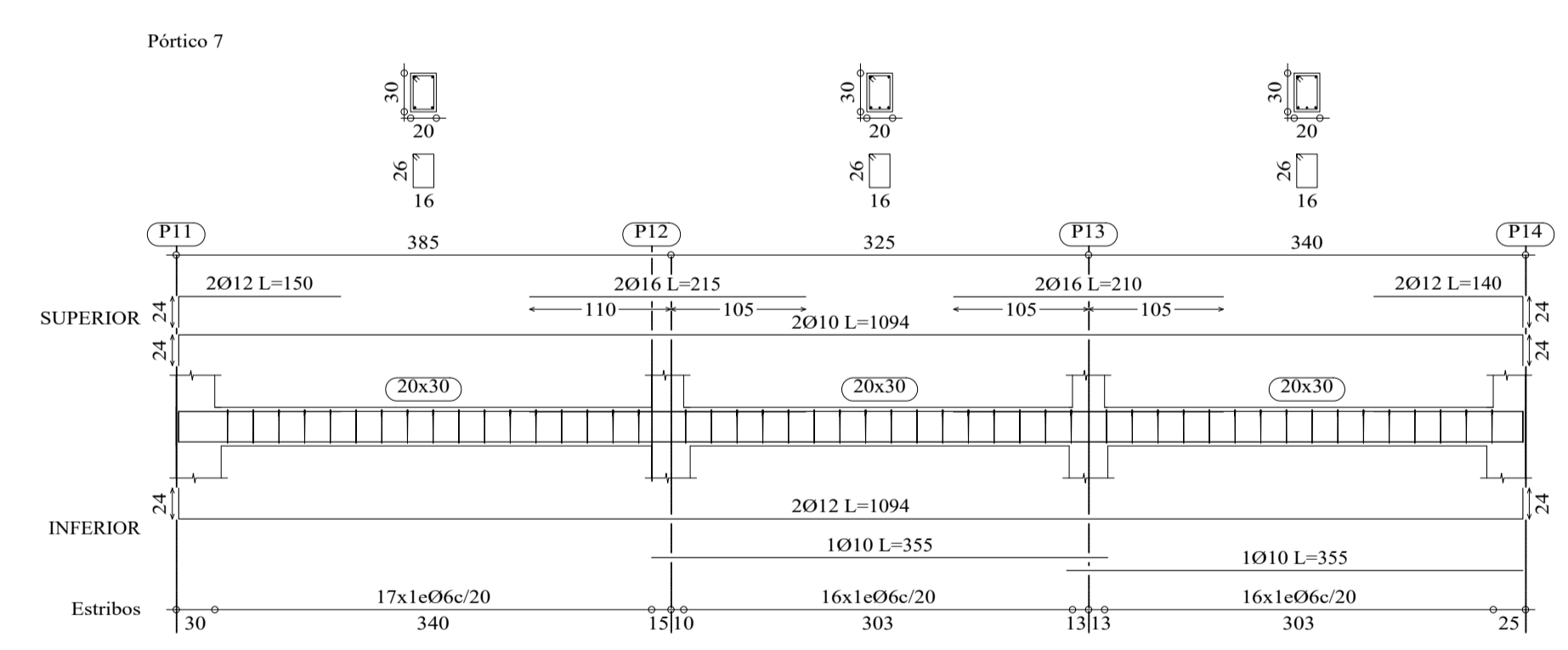
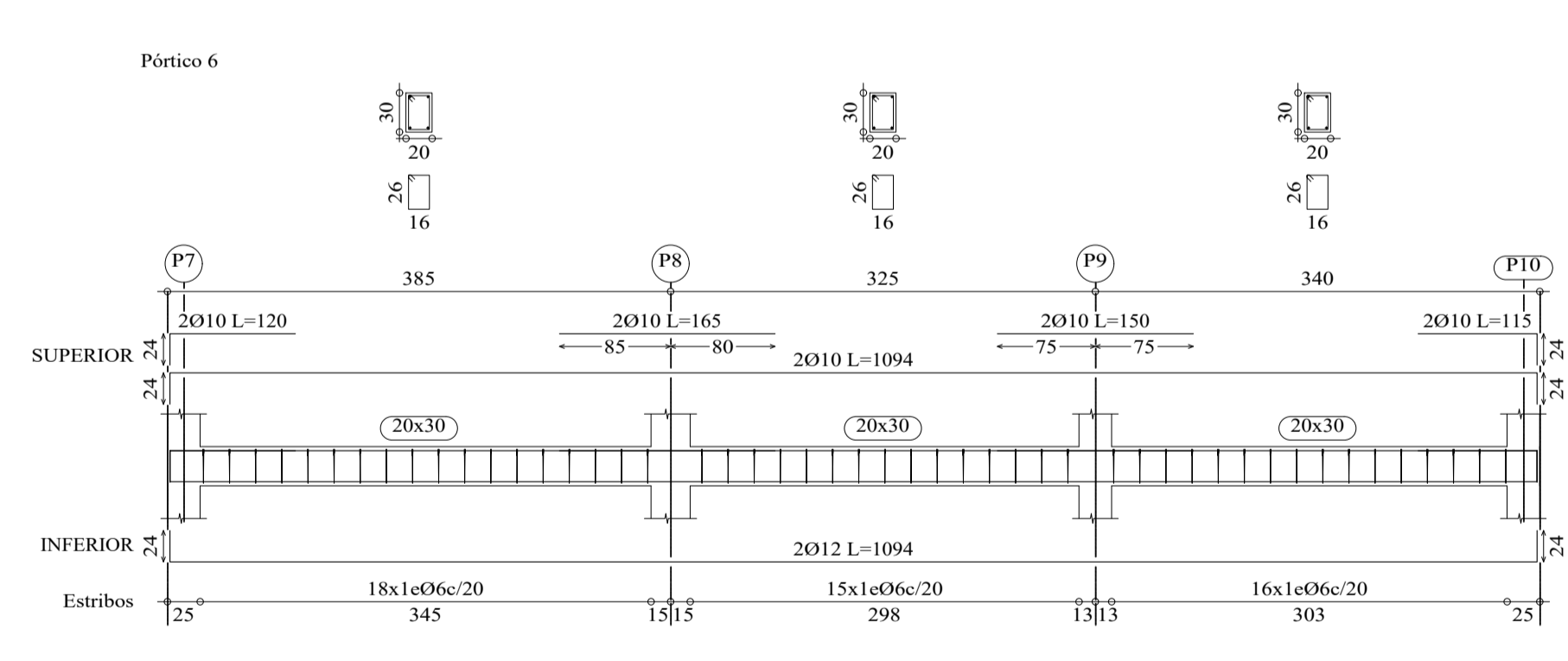
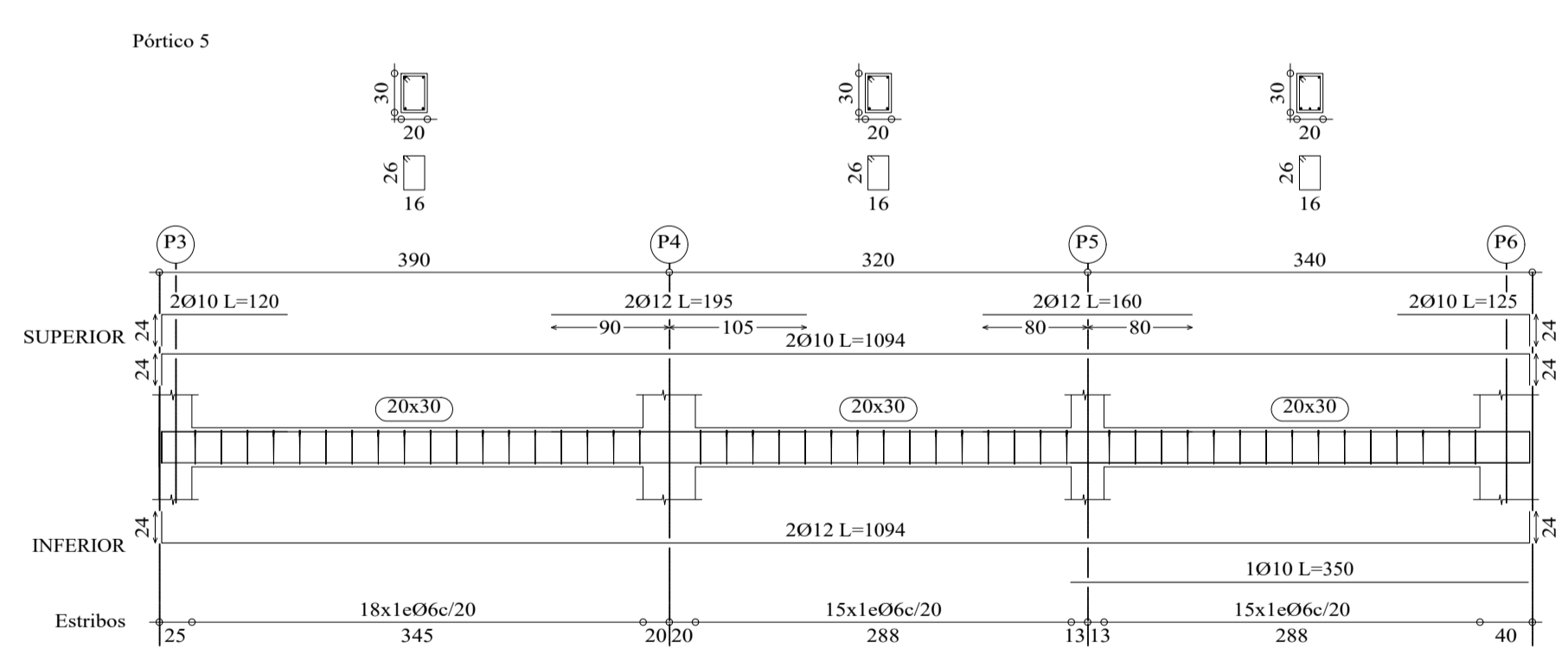
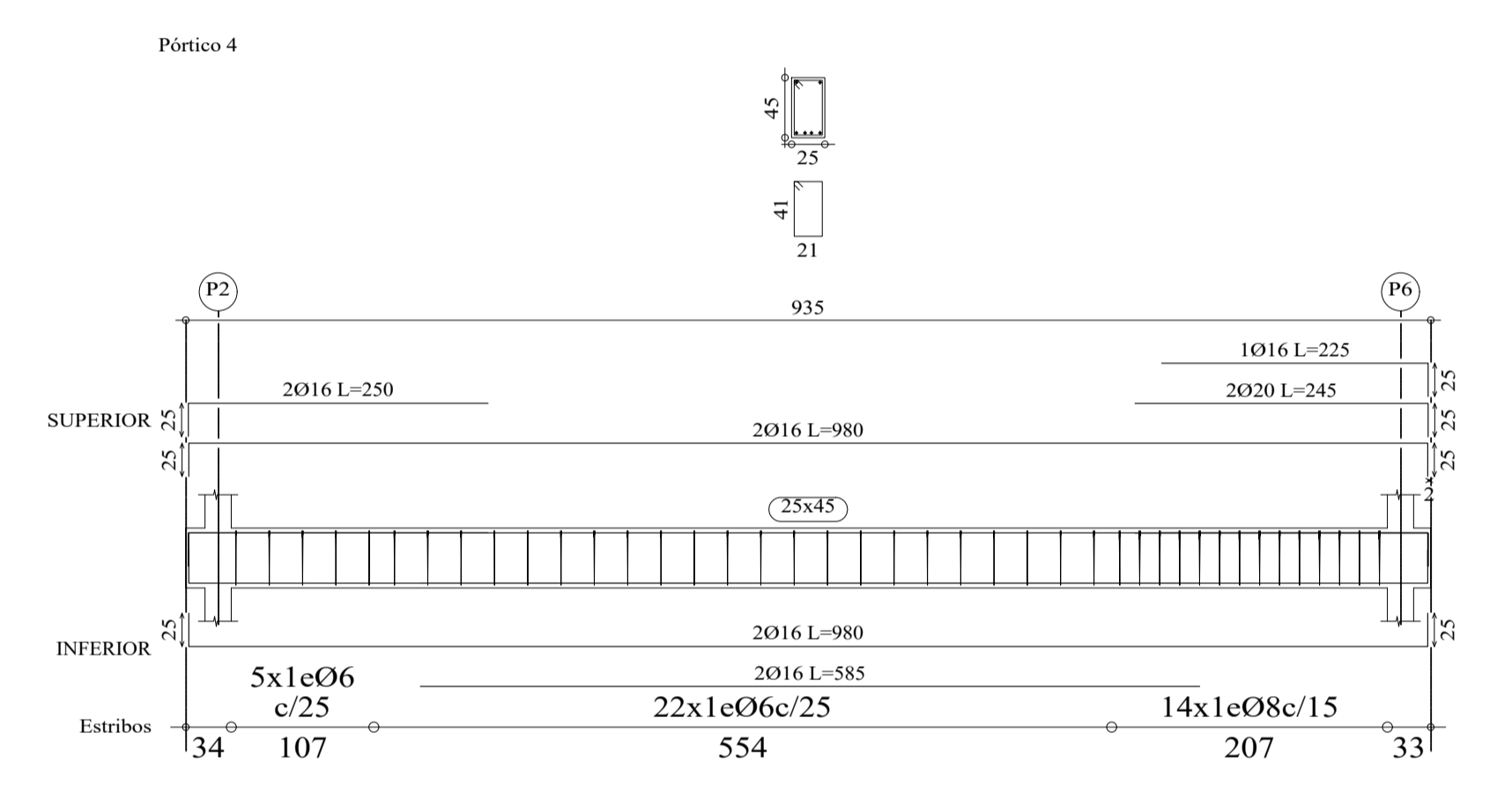
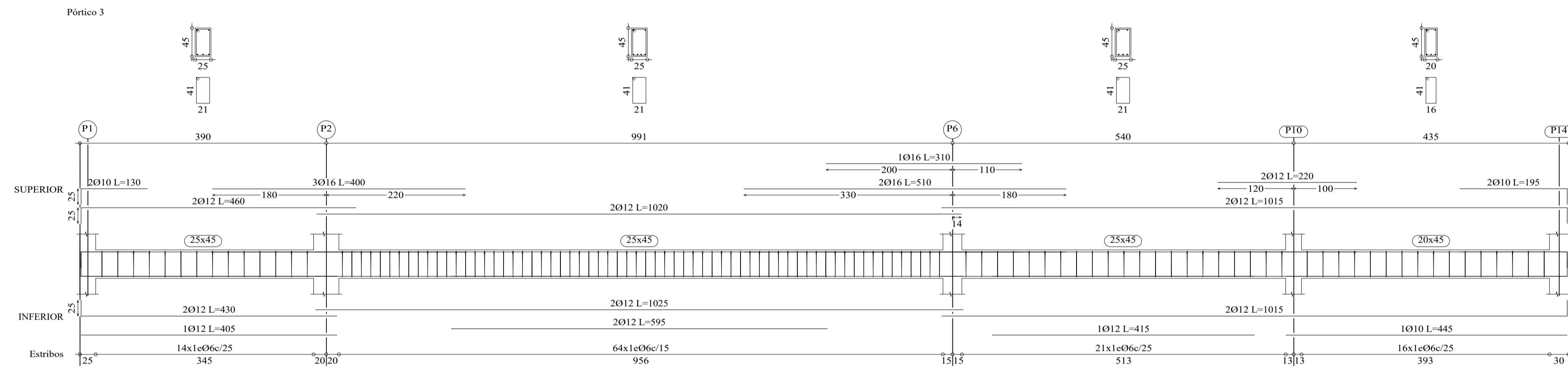
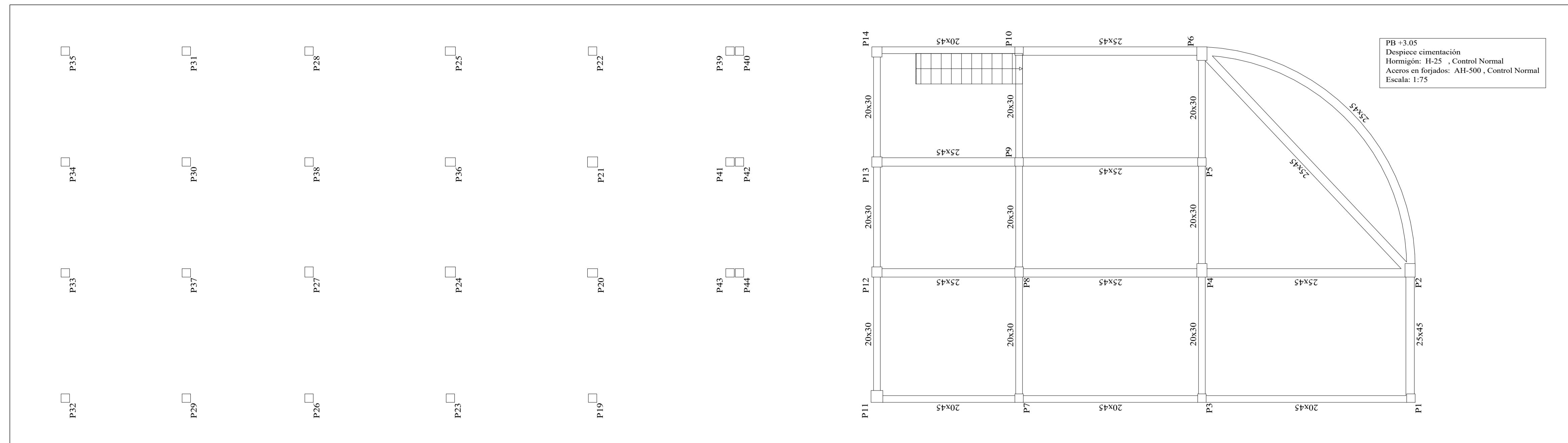
UNIVERSIDAD A. JUAN MISAEL SARACHO		
UNIVERSITARIO: MENEZ SANCHEZ KELLY GISELE	MATERIA: CIV-502 PROYECTO DE INGENIERIA CIVIL II	
PROYECTO: DISEÑO ESTRUCTURAL HOTEL AYRE ZONA MORROS BLANCOS	ESCALA: INDICADA	PLANO Nº: 6/18
TÍTULO DE LAMINA: DESPIECE DE VIGAS PB+2.20m	FECHA: TARIJA MAYO DE 2024	



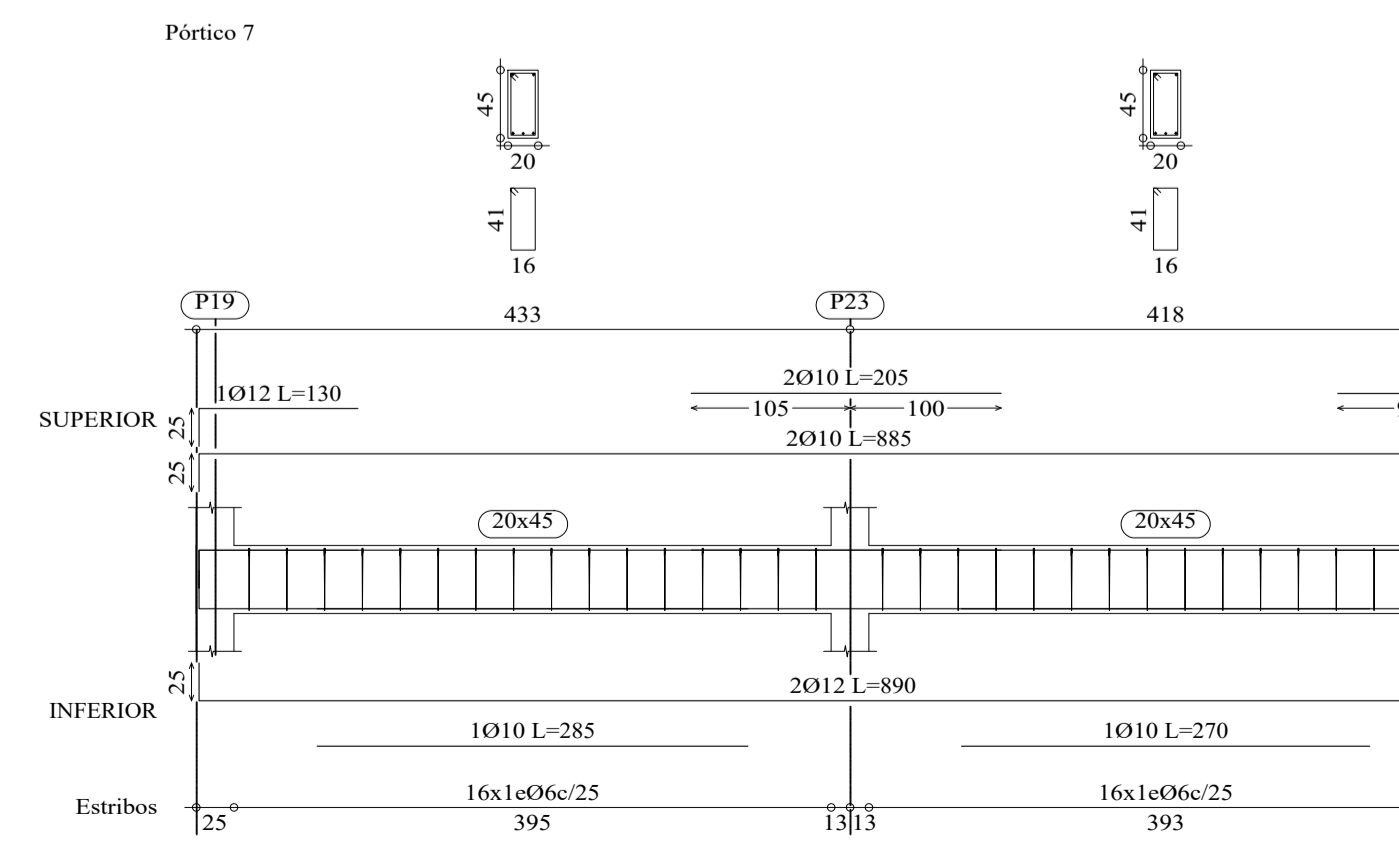
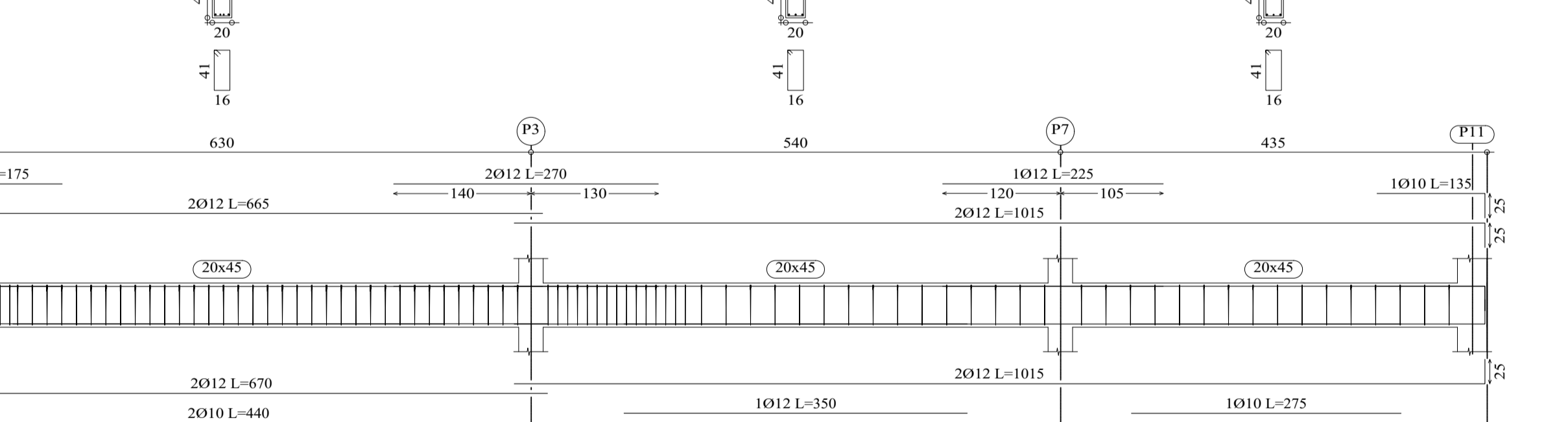
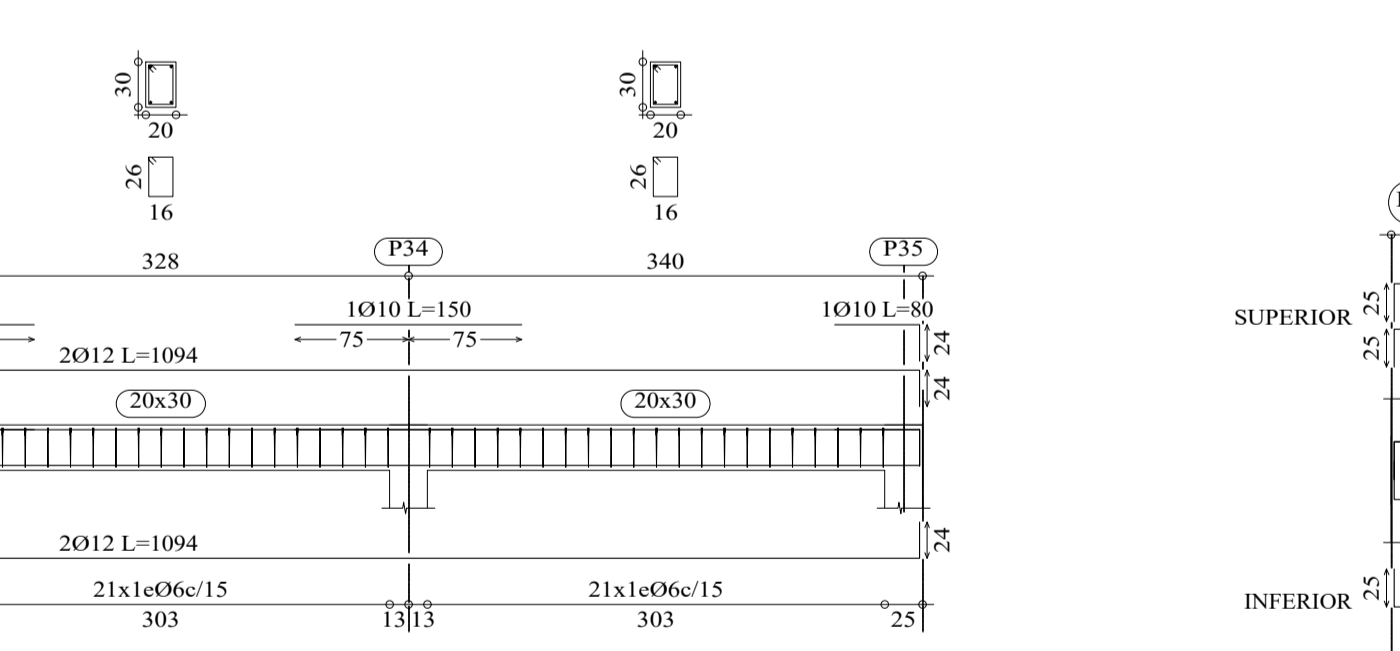
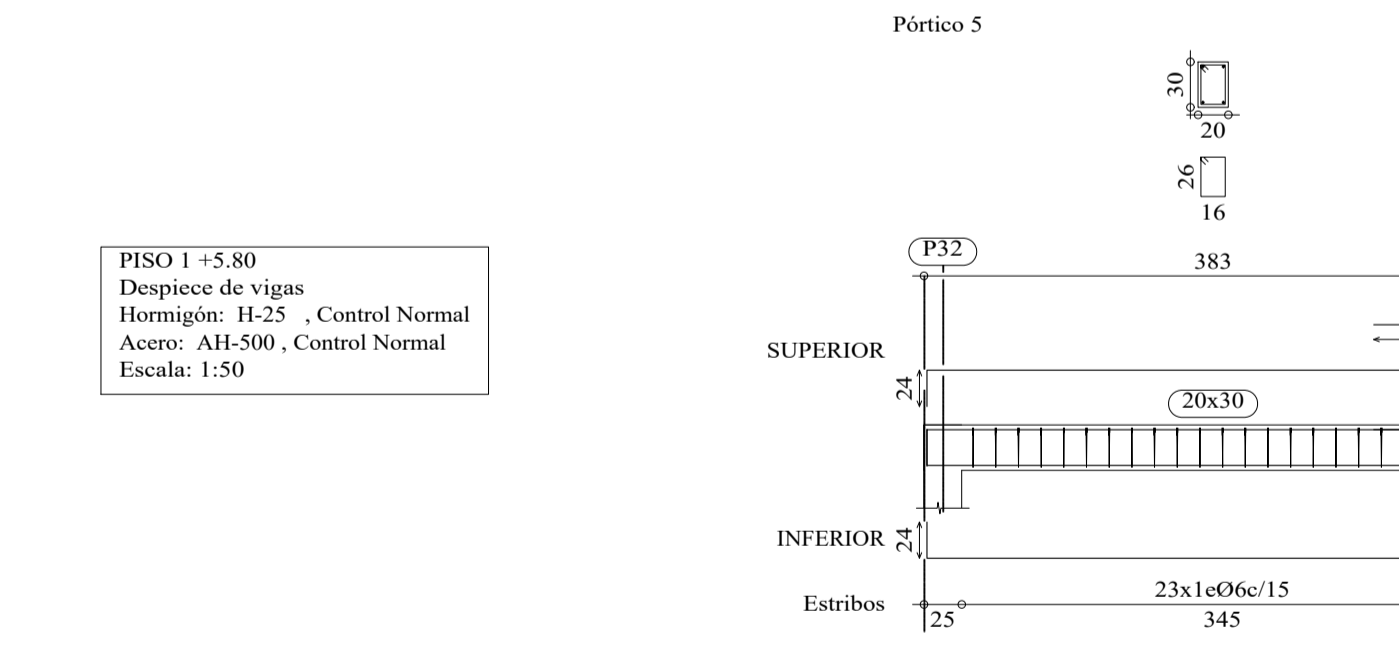
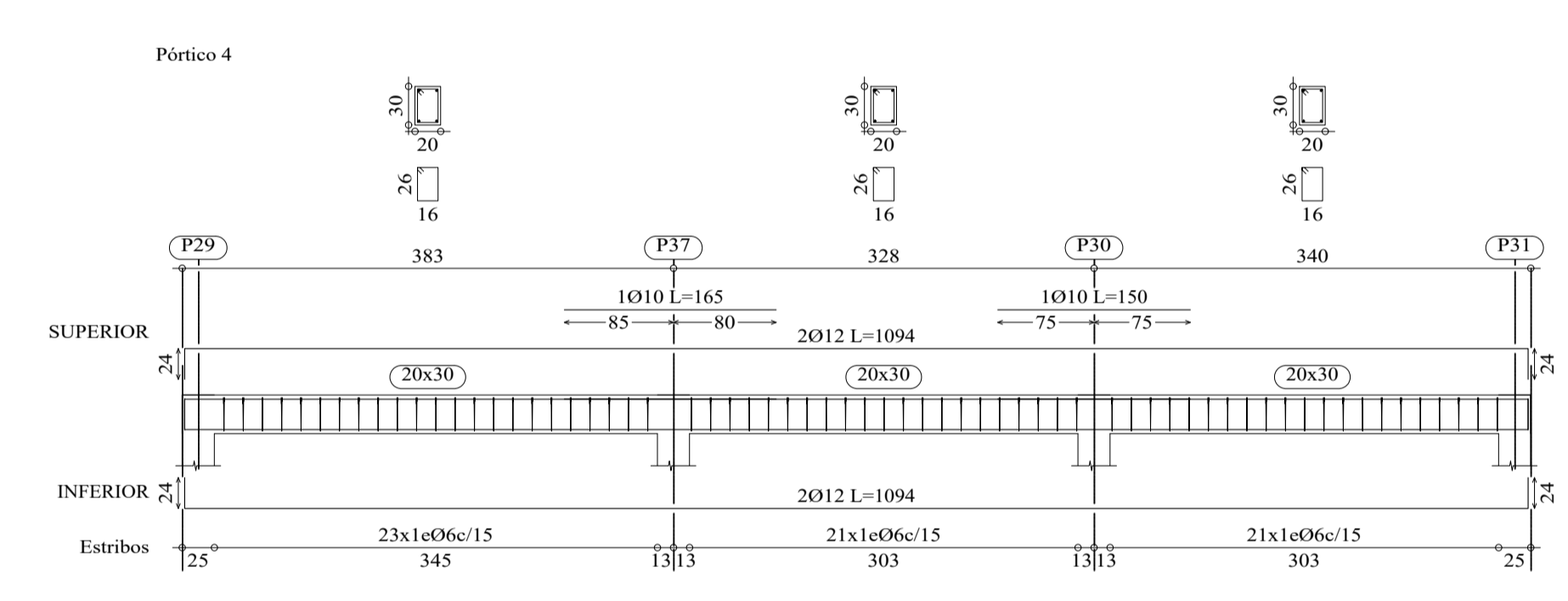
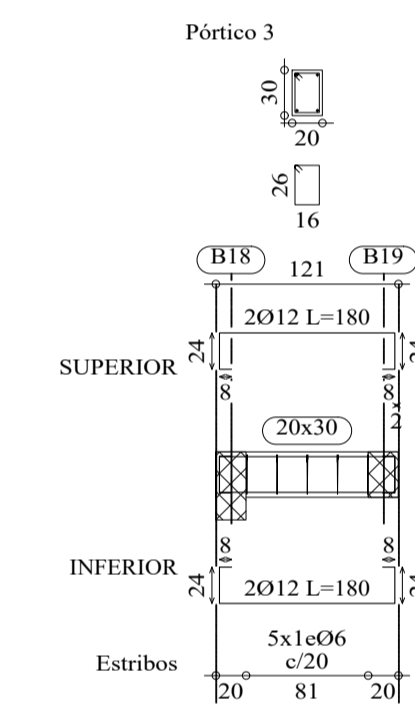
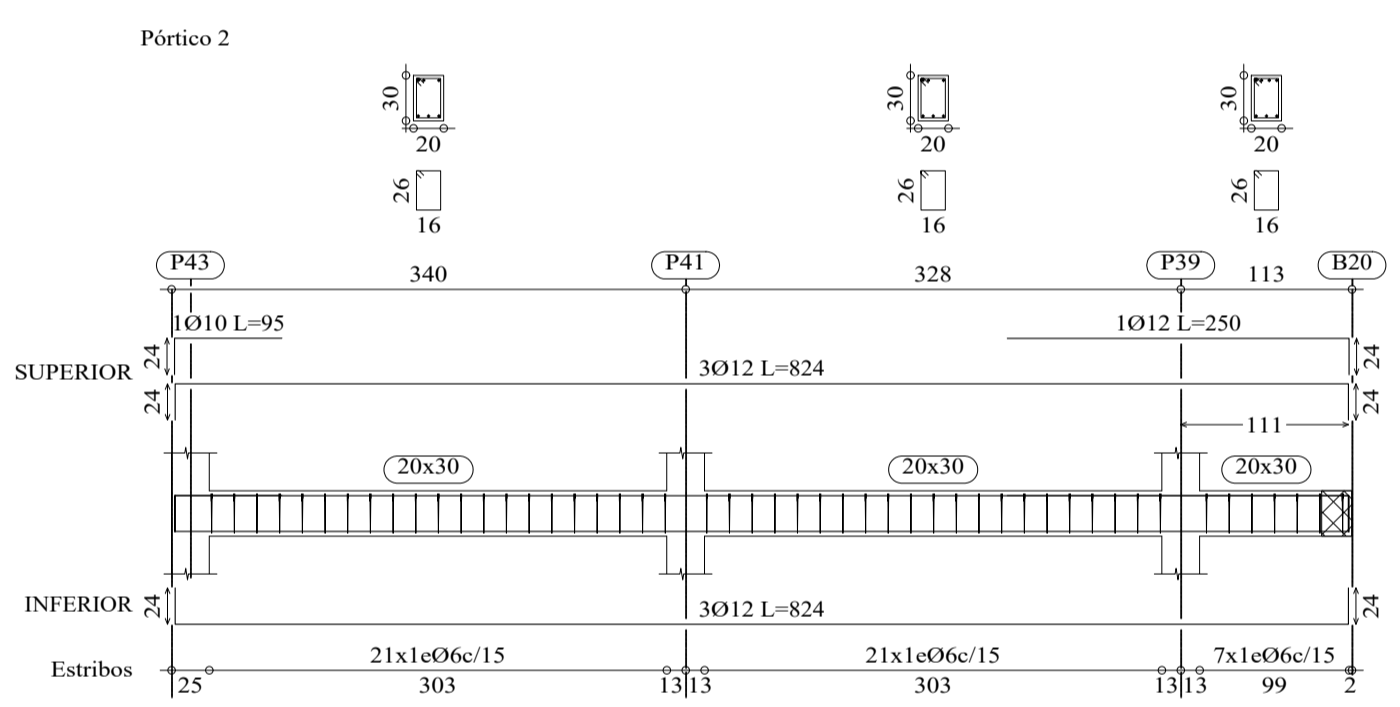
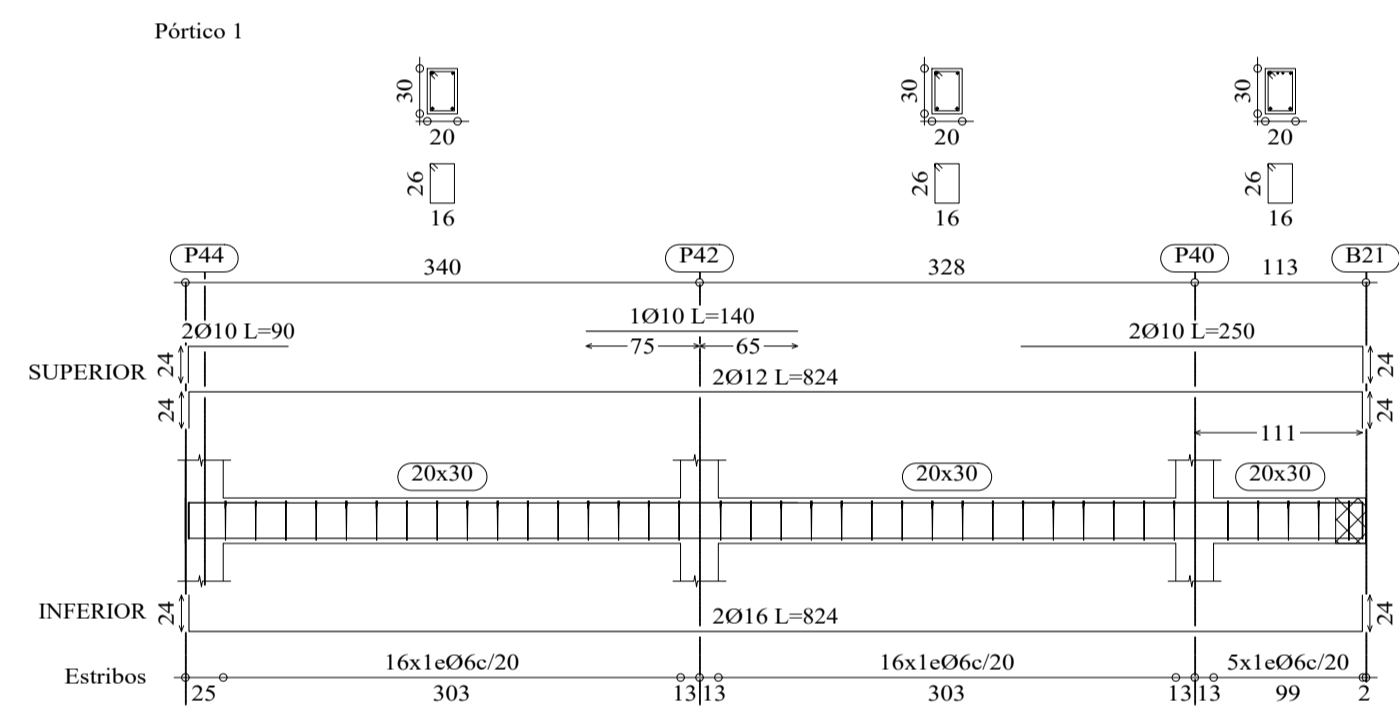
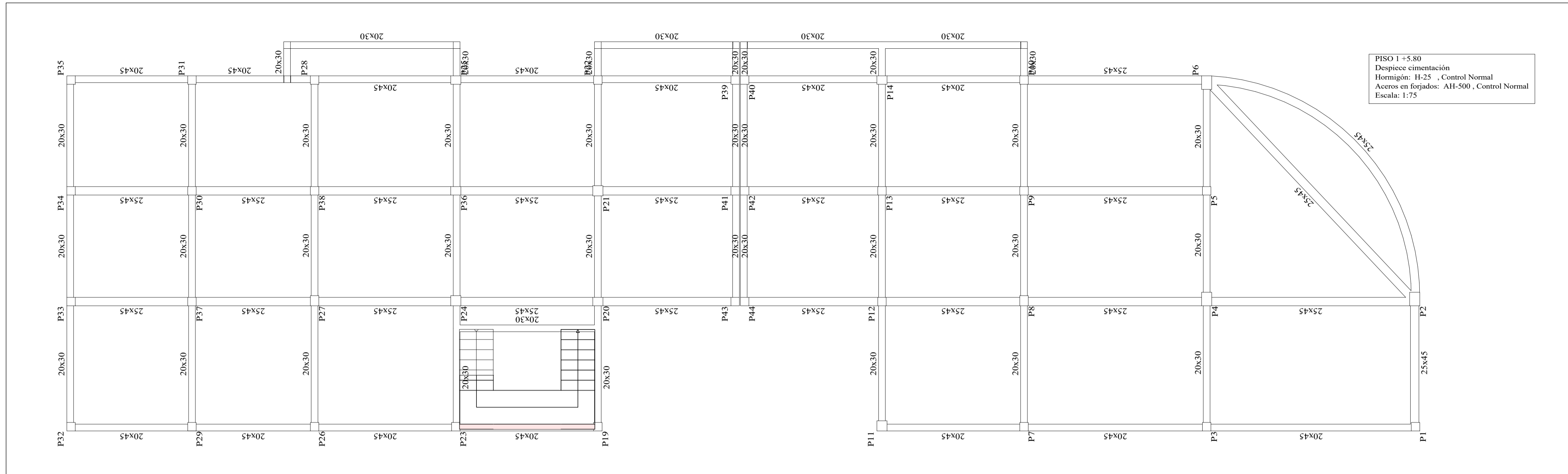
UNIVERSIDAD A. JUAN MISAEL SARACHO		
UNIVERSITARIO: MÉNDEZ SÁNCHEZ KELLY GISELLE	MATERIA: CIV-502 PROYECTO DE INGENIERIA CIVIL II	
PROYECTO: DISEÑO ESTRUCTURAL HOTEL AYRE ZONA MORROS BLANCOS	ESCALA: INDICADA	PLANO Nº
TÍTULO DE LÁMINA: DESPIECE DE VIGAS Y LOSA PB=3.05m	FECHA: TARIJA MAYO DE 2024	7/18



	UNIVERSIDAD A. JUAN MISAEL SARACHO	
	UNIVERSITARIO: MÉNDEZ SÁNCHEZ KELLY GISELLE	MATERIA: CIV-502 PROYECTO DE INGENIERIA CIVIL II
	PROYECTO: DISEÑO ESTRUCTURAL HOTEL AYRE ZONA MORROS BLANCOS	ESCALA: INDICADA
	TÍTULO DE LÁMINA: DESPIECE DE VIGAS Y LOSA PISO 1+5.80m	FECHA: TARIFA MAYO DE 2024
		PLANO N° 8/18



UNIVERSIDAD A. JUAN MISAEL SARACHO	
UNIVERSITARIO: MÉNDEZ SÁNCHEZ KELLY GISELLE	MATERIA: CIV-502 PROYECTO DE INGENIERÍA CIVIL II
PROYECTO: DISEÑO ESTRUCTURAL HOTEL AYRE ZONA MORROS BLANCOS	ESCALA: INDICADA
TÍTULO DE LÁMINA: ARMADO DE NEGATIVOS EN LOSAS ALIVIANADAS	FECHA: TARAJA MAYO DE 2024
	PLANO N° 9/18



PISO 1 +5.80
Despiece de vigas
Hormigón: H-25, Control Normal
Acero: AH-500, Control Normal
Escala: 1:50

	UNIVERSIDAD A. JUAN MISAEL SARACHO	
	UNIVERSITARIO: MÉNDEZ SÁNCHEZ KELLY GISELLE	MATERIA: CIV-502 PROYECTO DE INGENIERÍA CIVIL II
	PROYECTO: DISEÑO ESTRUCTURAL HOTEL AYRE ZONA MORROS BLANCOS	ESCALA: INDICADA
	TÍTULO DE LÁMINA: DESPIECE DE VIGAS Y LOSA PISO 1+5.80 m	FECHA: TARAJA MAYO DE 2024
		PLANO Nº 10/18