



Facultad de Arquitectura e Ingenierías

Carrera de Arquitectura

Trabajo de titulación:
Diseño arquitectónico de un Mercado Barrial en el sector de las Bethlemitas
Latacunga - Cotopaxi

Thalia Montserrathe Herrera Peñaherrera

Autor:

Arq. Nancy Carchipulla

Tutor:

Quito, Julio 2019



Calle Hermanos Cristianos

Calle Hermanos Cristianos

Calle 18 de Mayo

Calle S/N

Calle Norte

Calle Eugenio Espejo

1

UNIVERSIDAD INTERNACIONAL SEK

FACULTAD DE ARQUITECTURA E INGENIERÍAS
TRABAJO DE TITULACIÓN PREVIO A LA OBTENCIÓN DEL TÍTULO DE ARQUITECTO

MERCADO BARRIAL SUR "LAS BETHELEMITAS" LATACUNGA - COTOPAXI

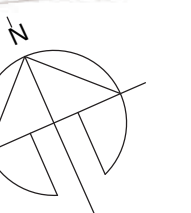
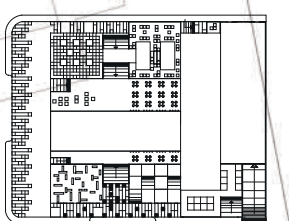
AUTOR:
THALIA MONTSERRATHE HERRERA PEÑAHERRERA

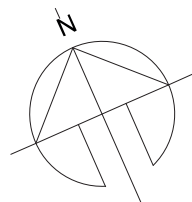
TUTOR:
ARQ. NANCY CARCHIPULLA RAMON

CONTENIDO:
IMPLANTACIÓN

ESCALA:
1/500

FECHA:
JULIO 2019





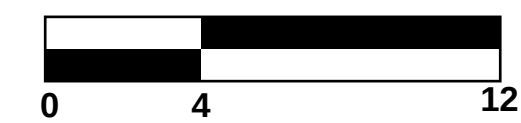
MERCADO BARRIAL SUR "LAS BETHELEMITAS" LATACUNGA - COTOPAXI

AUTOR:
THALIA MONTSERRATHE HERRERA PEÑAHERRERA

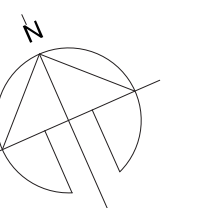
TUTOR:
ARQ. NANCY CARCHIPULLA RAMÓN

CONTENIDO:
NIVEL +4.60

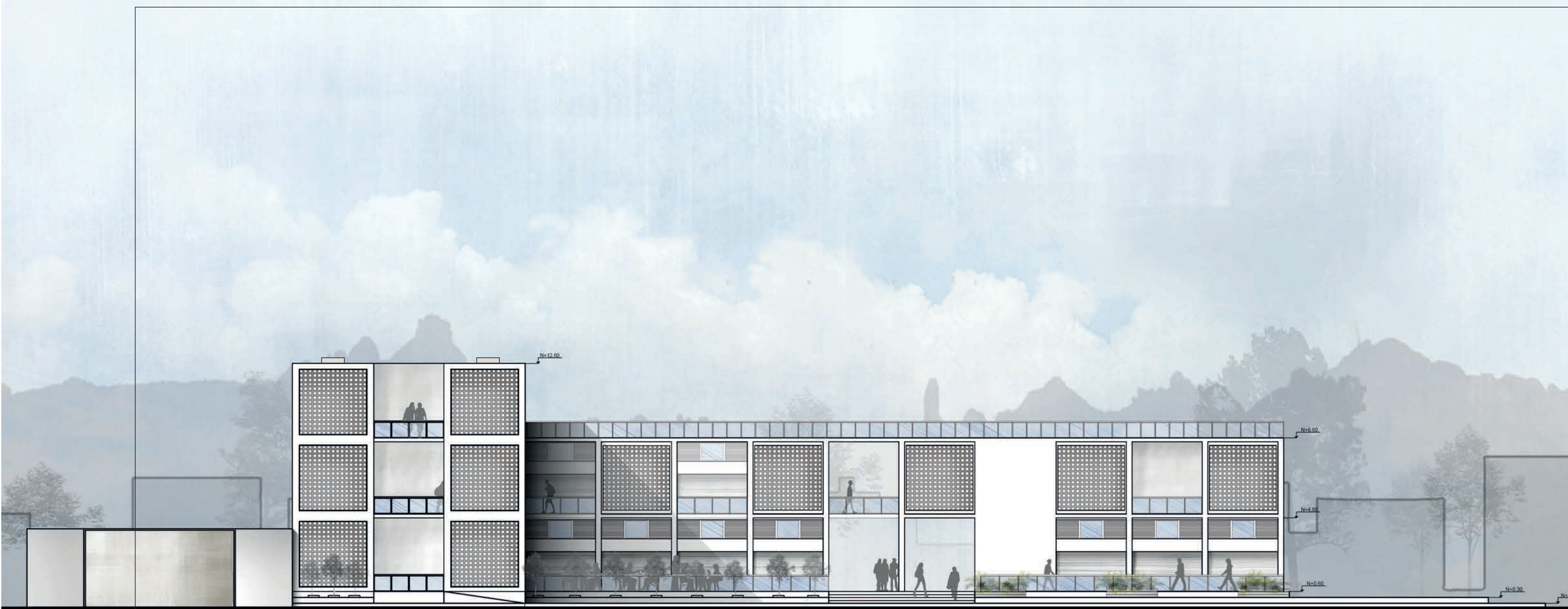
ESCALA:
1/200



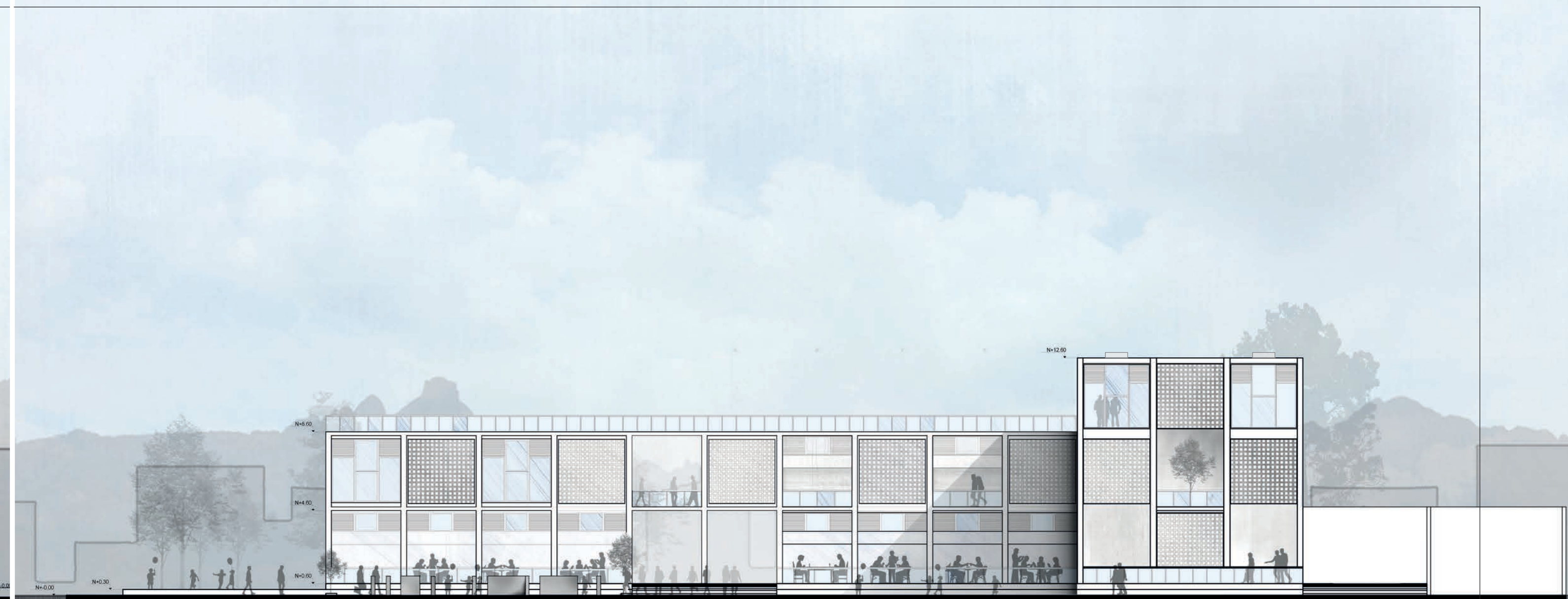
FECHA:
JULIO 2019







FACHADA LATERAL
DERECHA



FACHADA LATERAL
IZQUIERDA

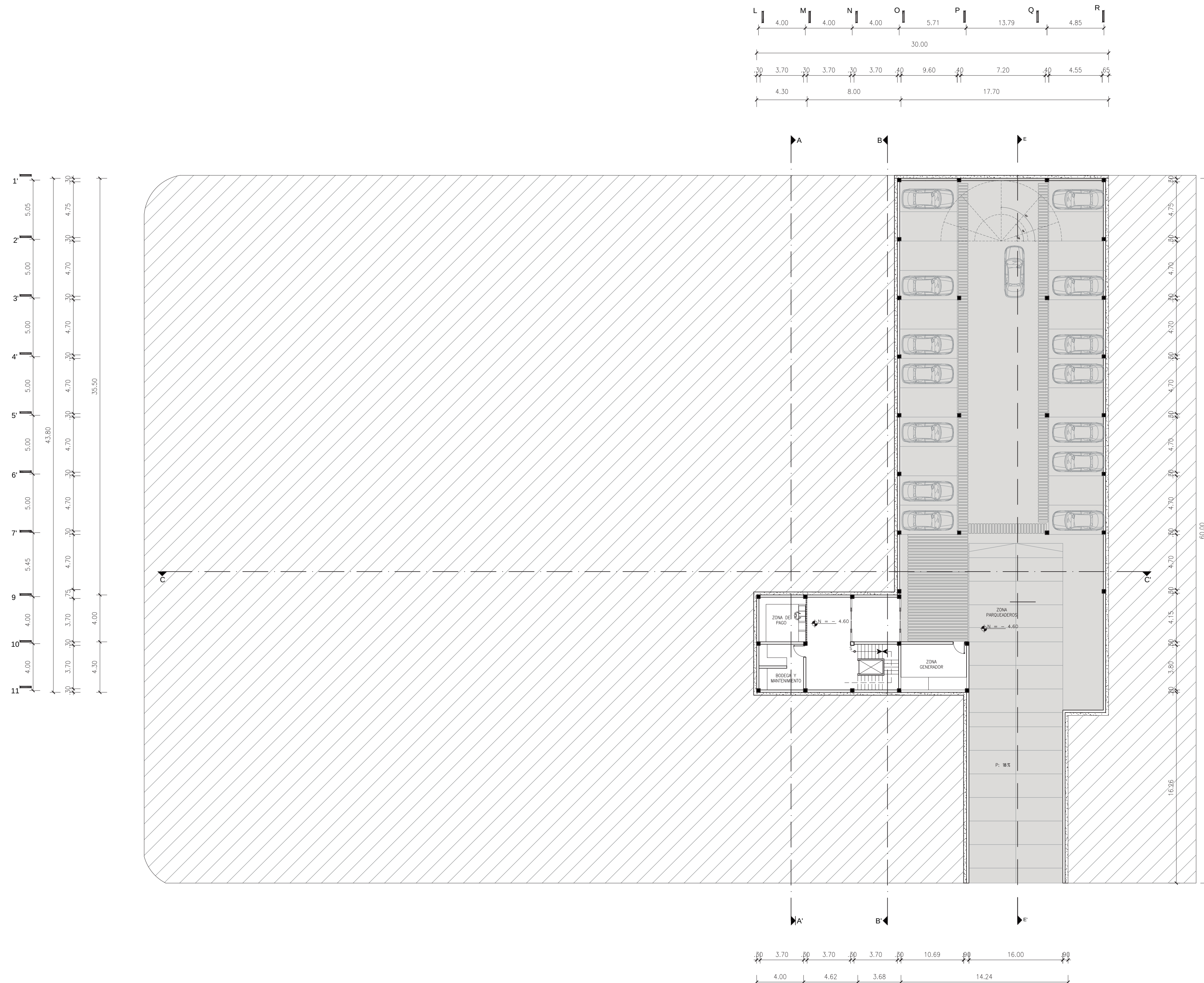
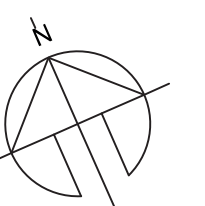


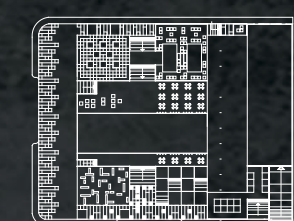
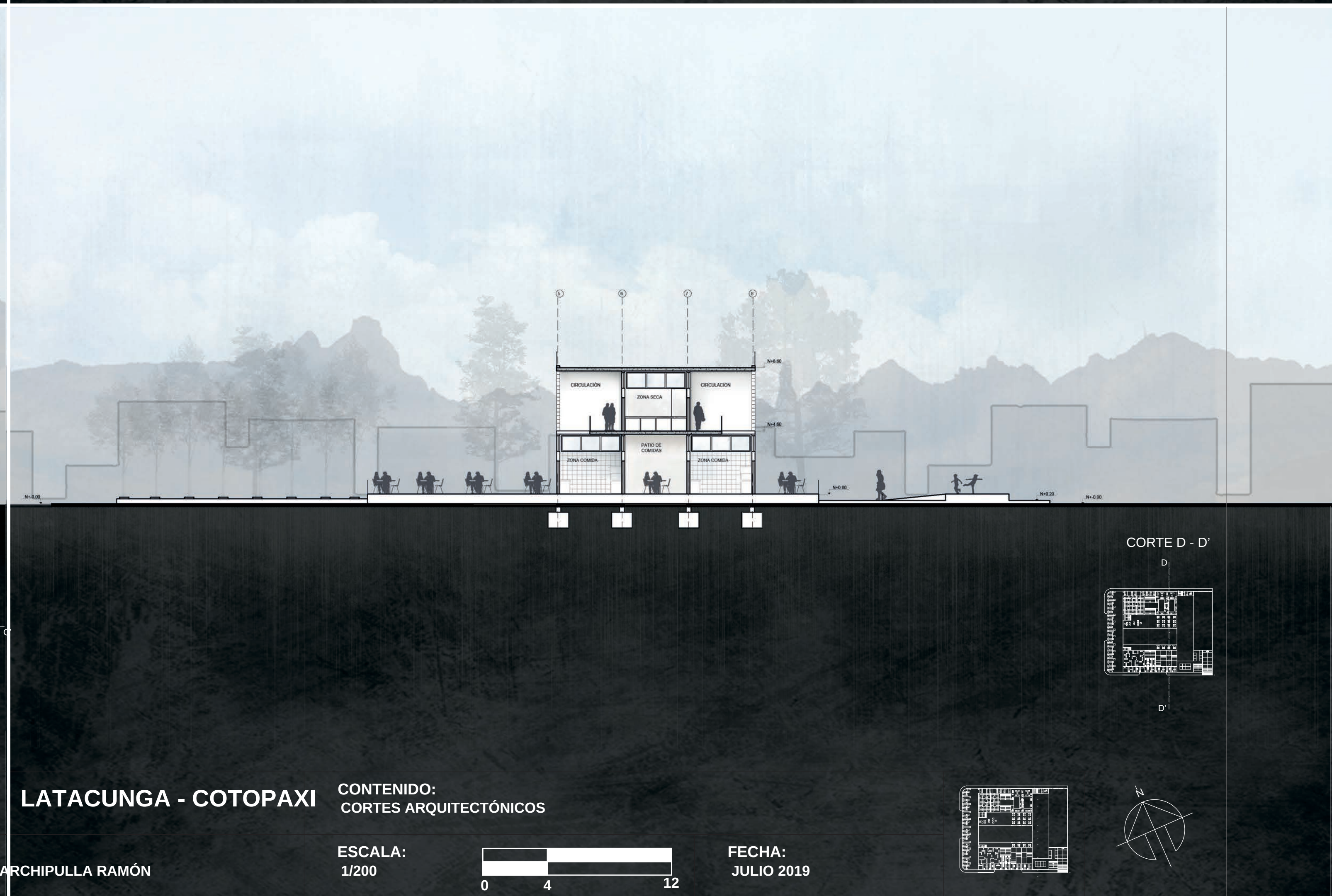
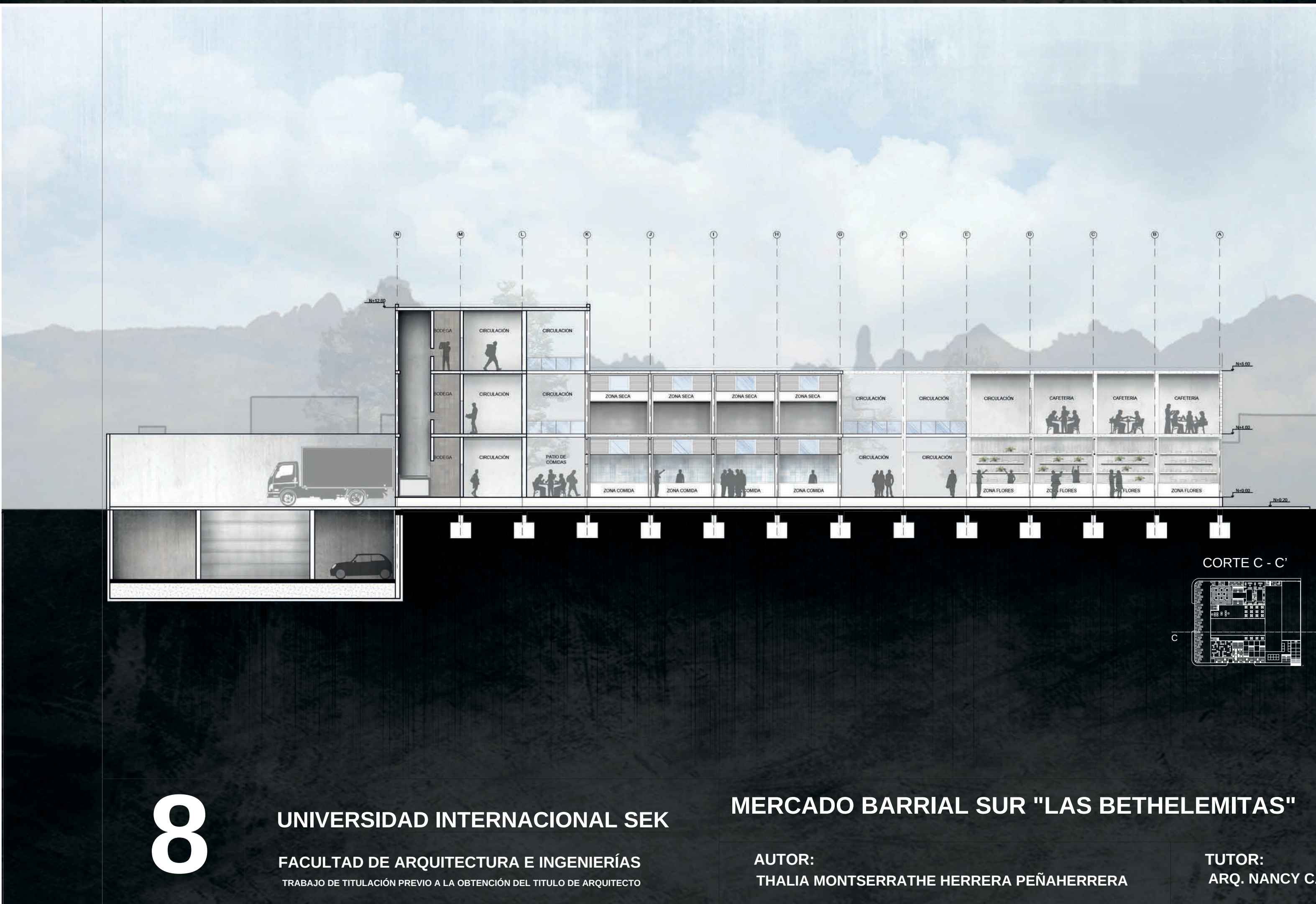
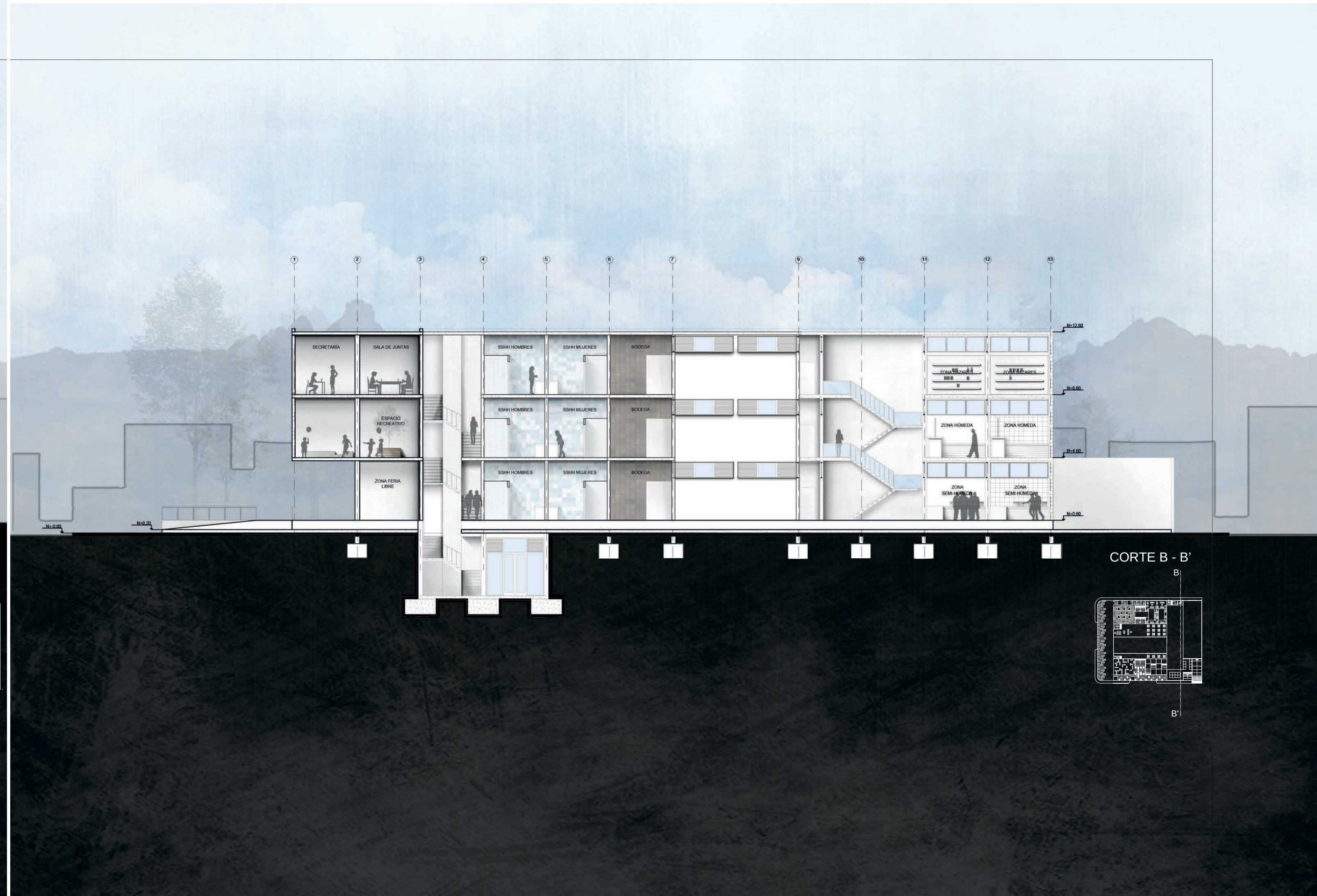
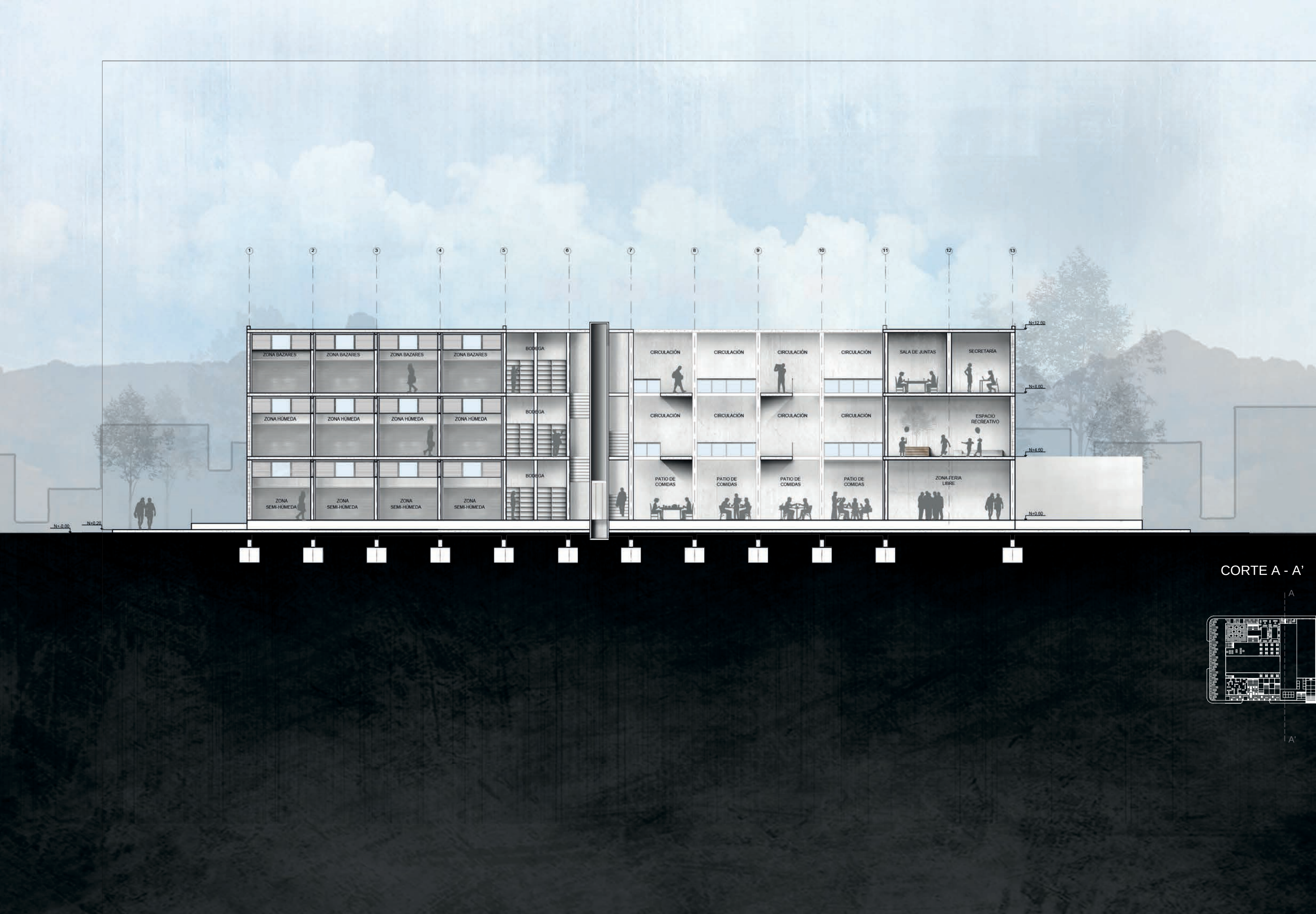
FACHADA
POSTERIOR

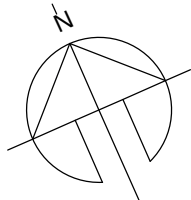
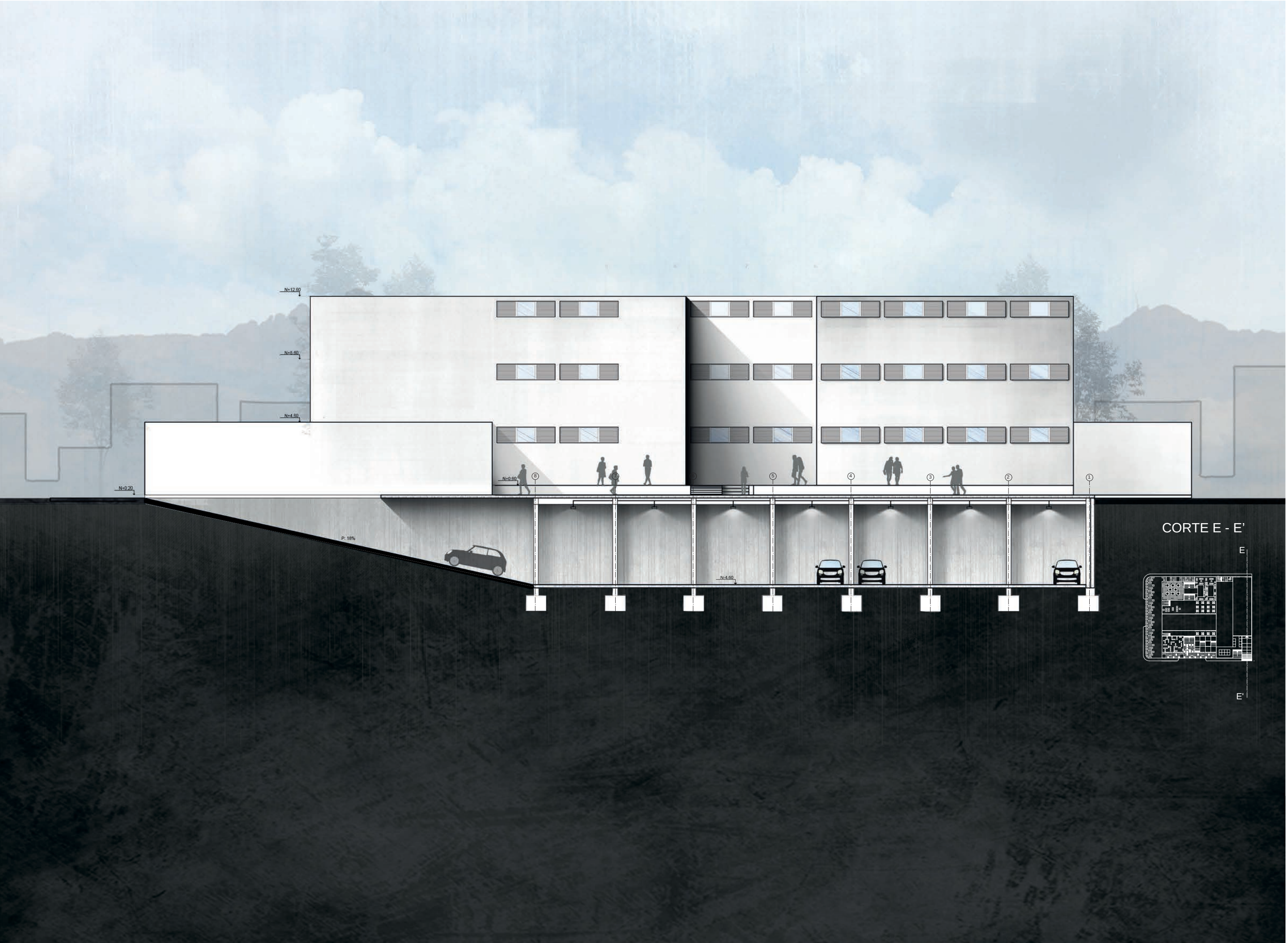


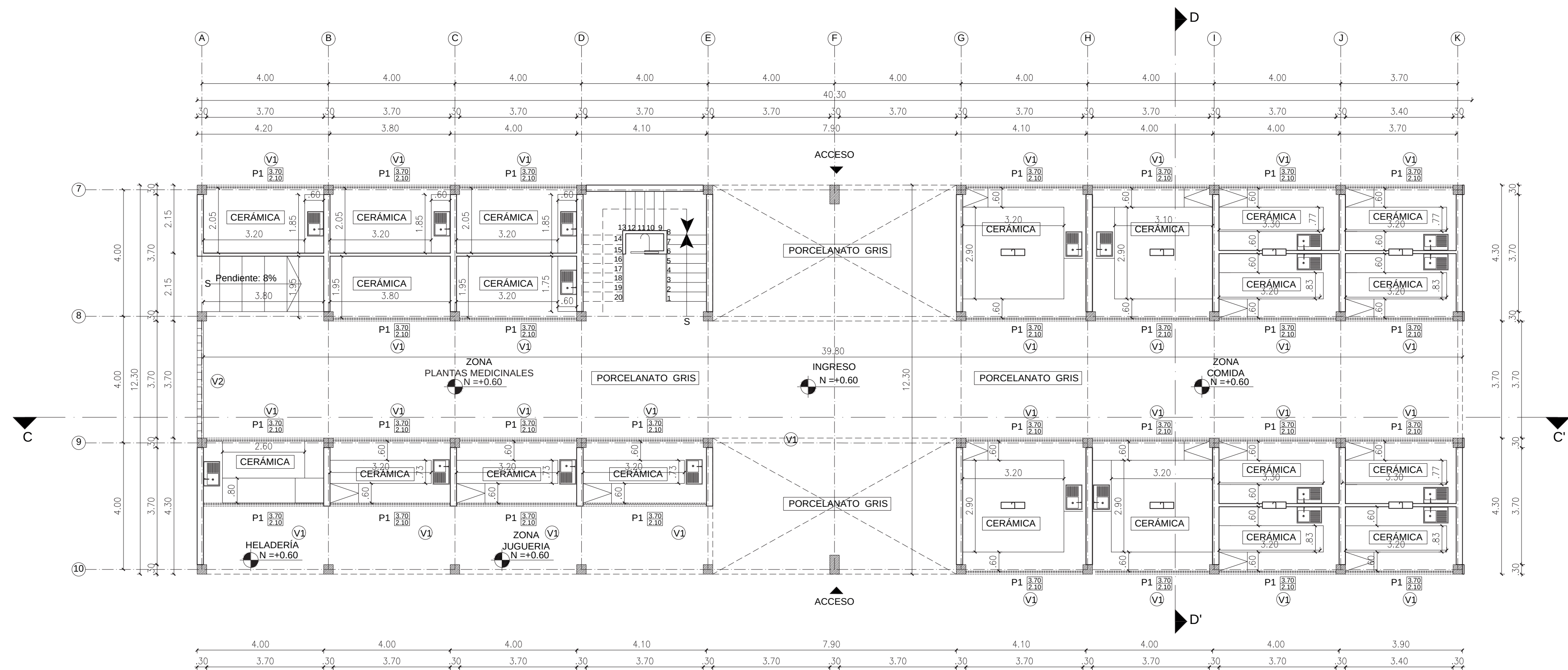
FACHADA
FRONTAL



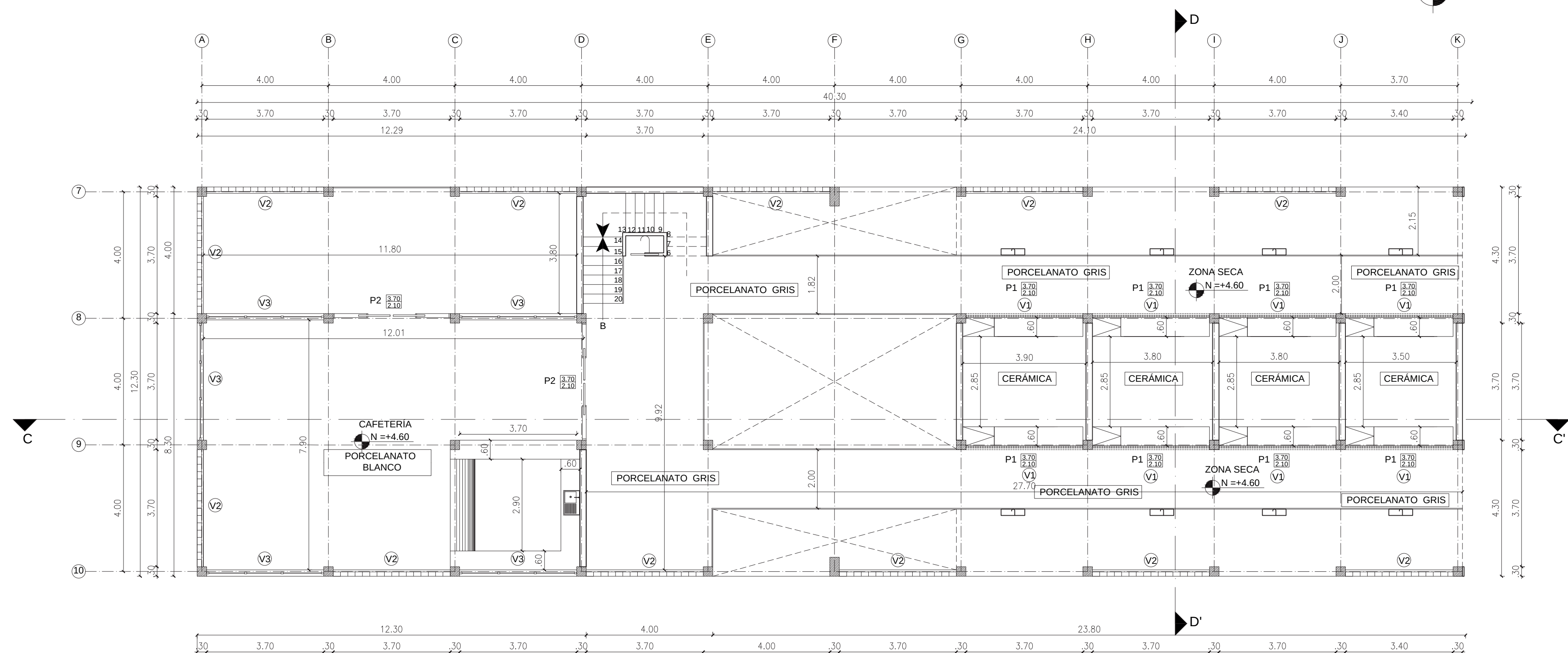






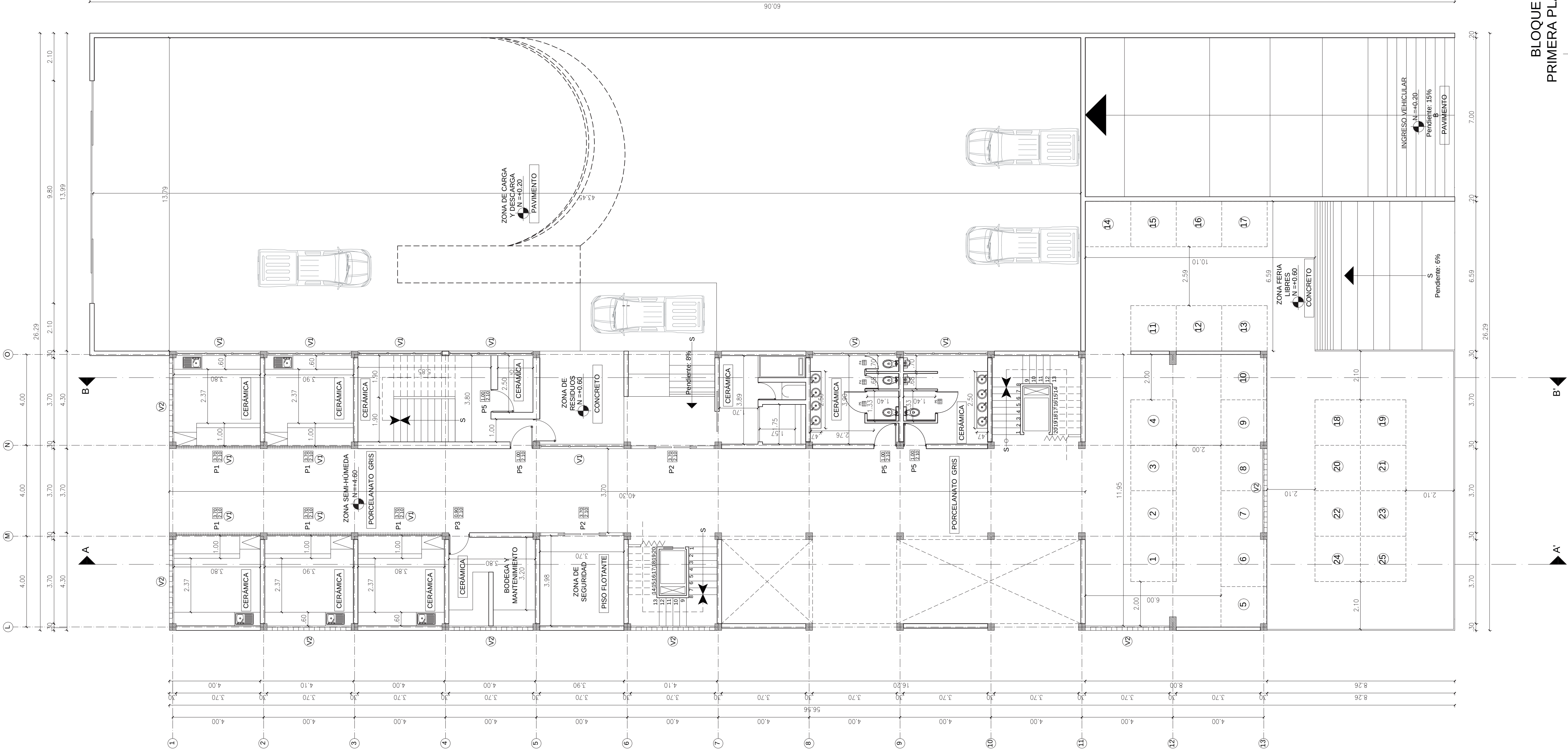
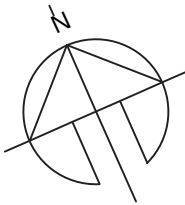
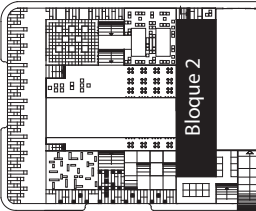


BLOQUE 1
PRIMERA PLANTA



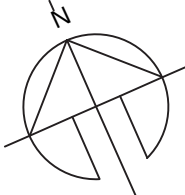
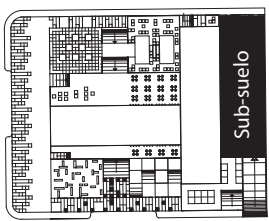
BLOQUE 1
SEGUNDA PLANTA





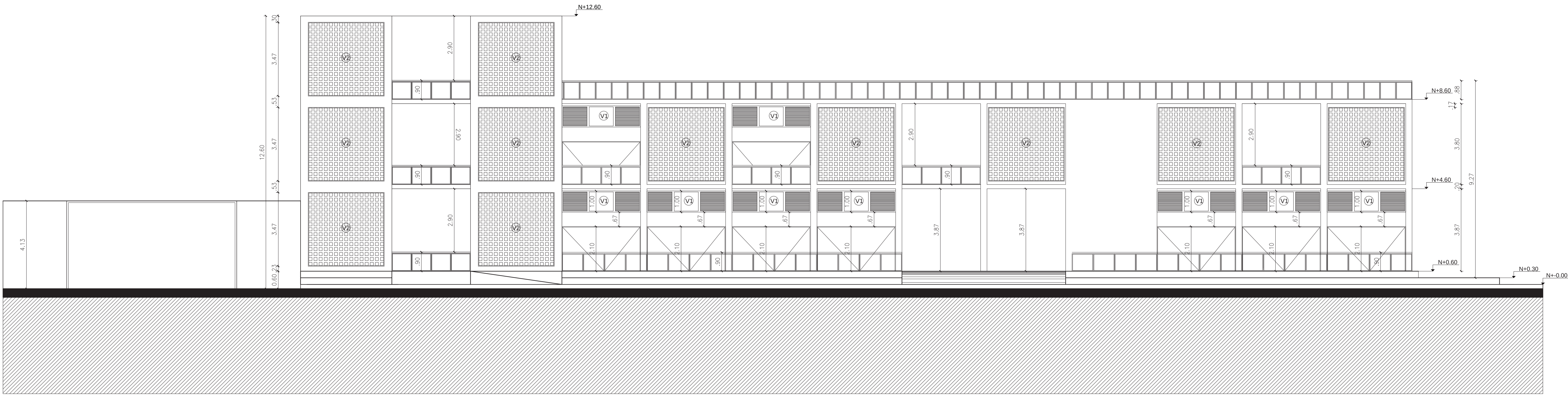
BLOQUE 2
PRIMERA PLANTA
N =+0.60

BLOQUE 2
TERCERA PLANTA
N = +12.60

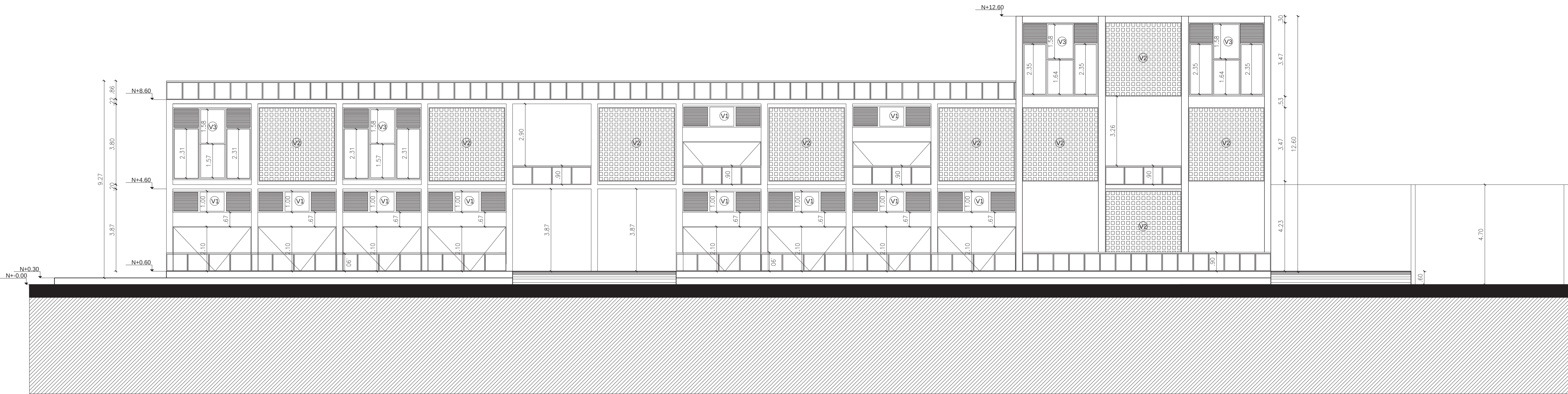


PLANTA SUB-SUELO
N = -4.60

INGRESO VEHICULAR
Pendiente: 18%



FACHADA FRONTAL
Escala 1/100



FACHADA POSTERIOR
Escala 1/100

5

UNIVERSIDAD INTERNACIONAL SEK

FACULTAD DE ARQUITECTURA E INGENIERÍAS
TRABAJO DE TITULACIÓN PREVIO A LA OBTENCIÓN DEL TÍTULO DE ARQUITECTO

MERCADO BARRIAL SUR "LAS BETHELEMITAS" LATACUNGA - COTOPAXI

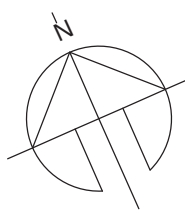
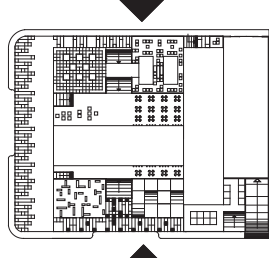
AUTOR:
THALIA MONTSERRATHE HERRERA PEÑAHERRERA

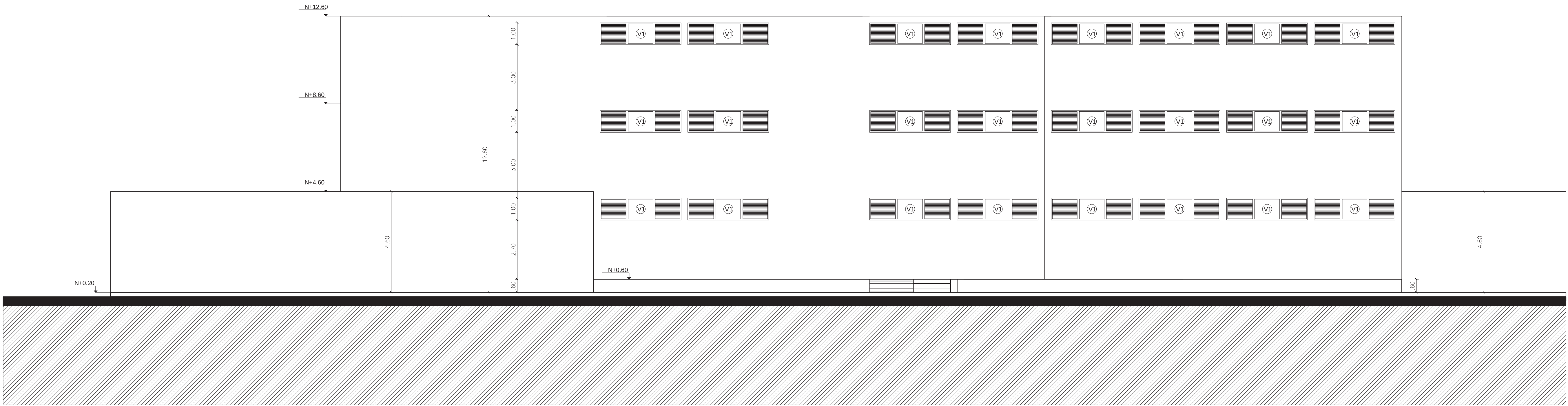
TUTOR:
ARQ. NANCY CARCHIPULLA RAMÓN

CONTENIDO:
FACHADAS CONSTRUCTIVAS

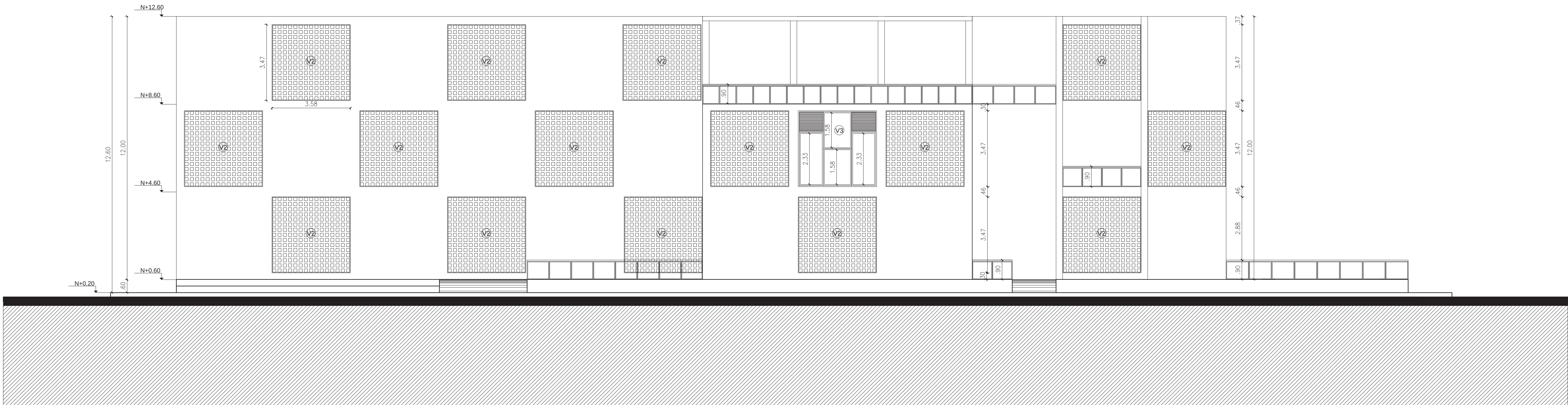
ESCALA:
1/100

FECHA:
JULIO 2019

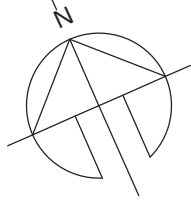
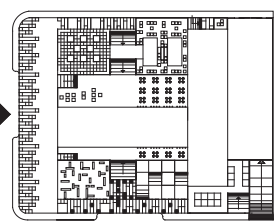


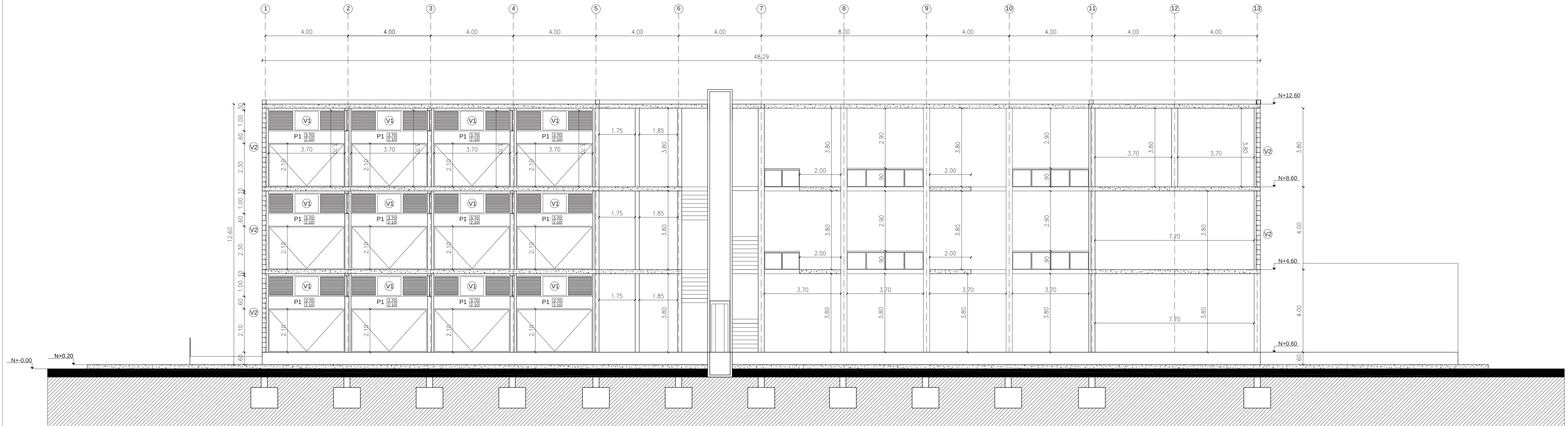


FACHADA LATERAL DERECHA
Escala 1/100

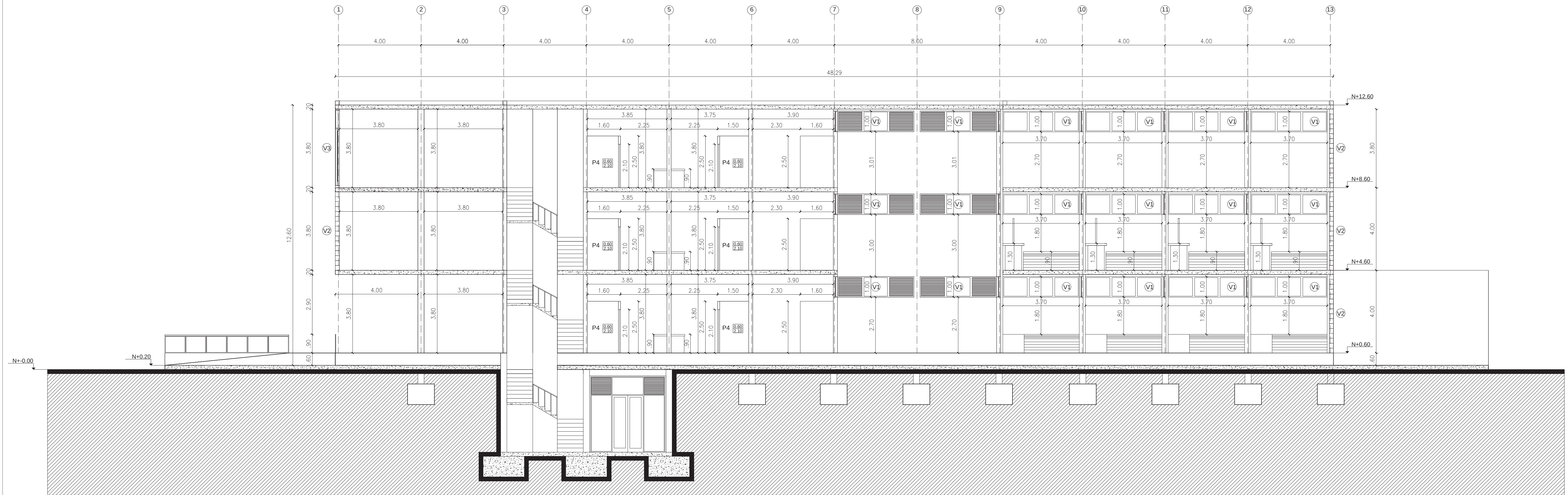


FACHADA LATERAL IZQUIERDA
Escala 1/100

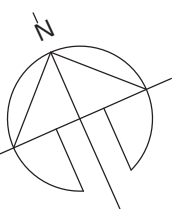
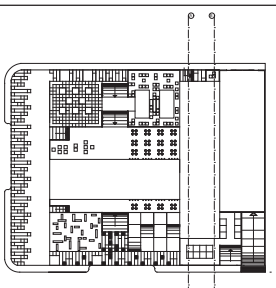


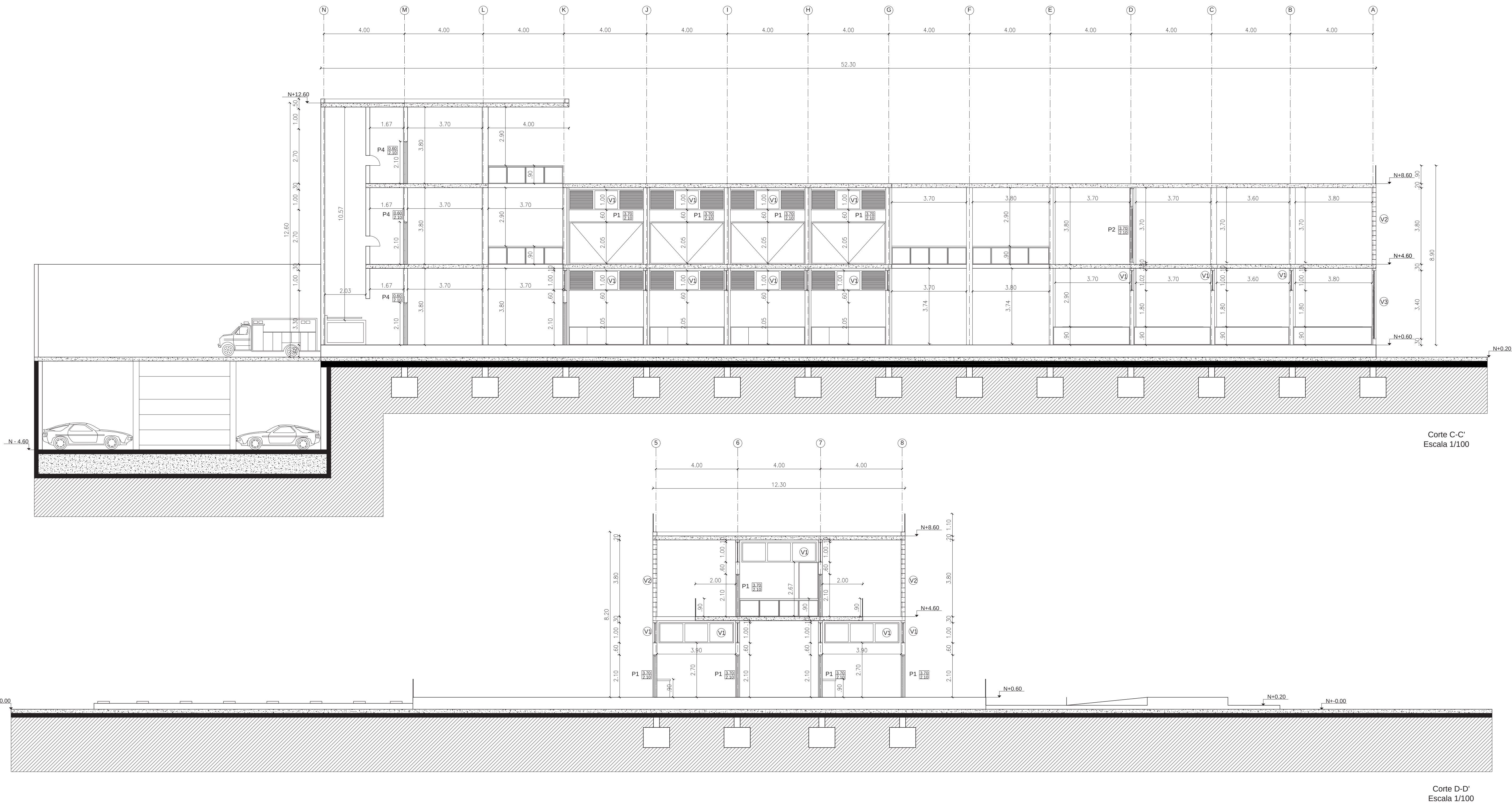


Corte A - A'
Escala 1/100



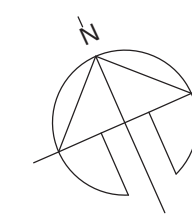
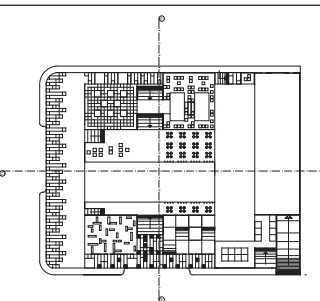
Corte B - B'
Escala 1/100

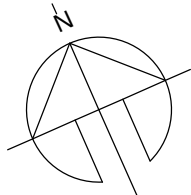
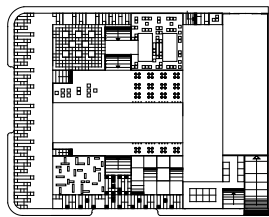


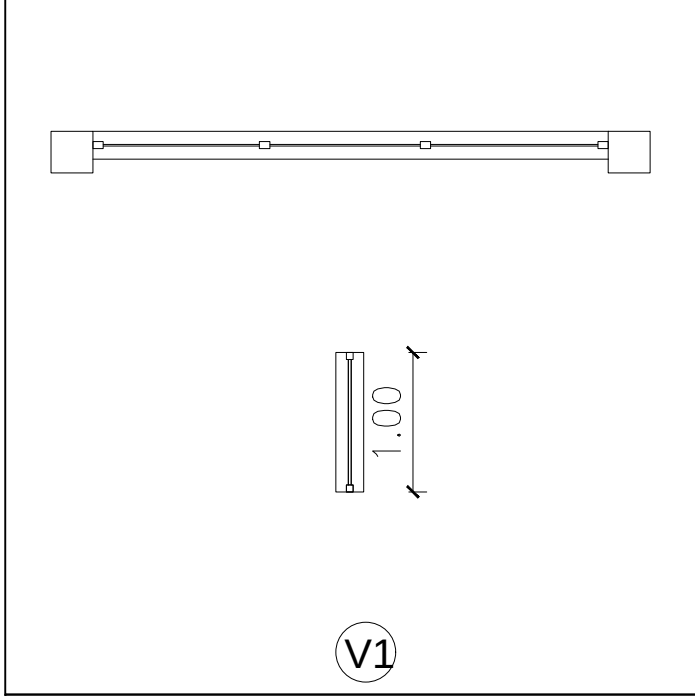
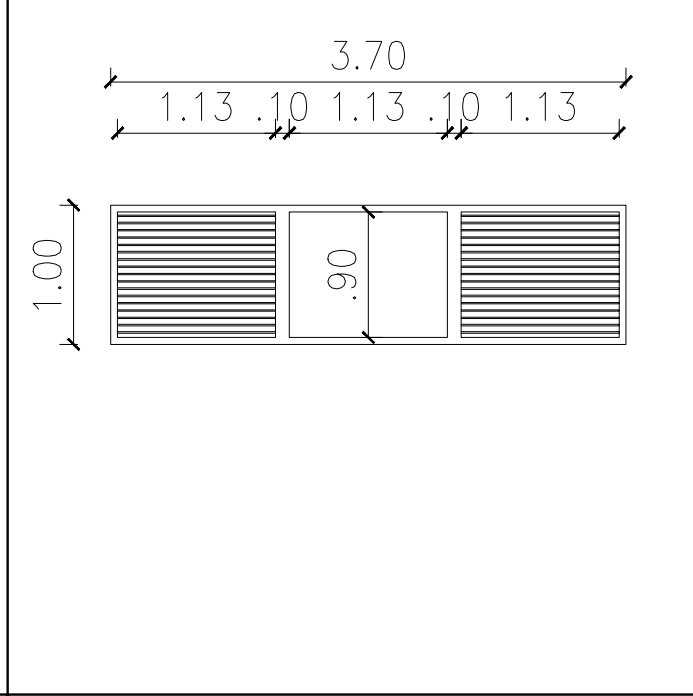
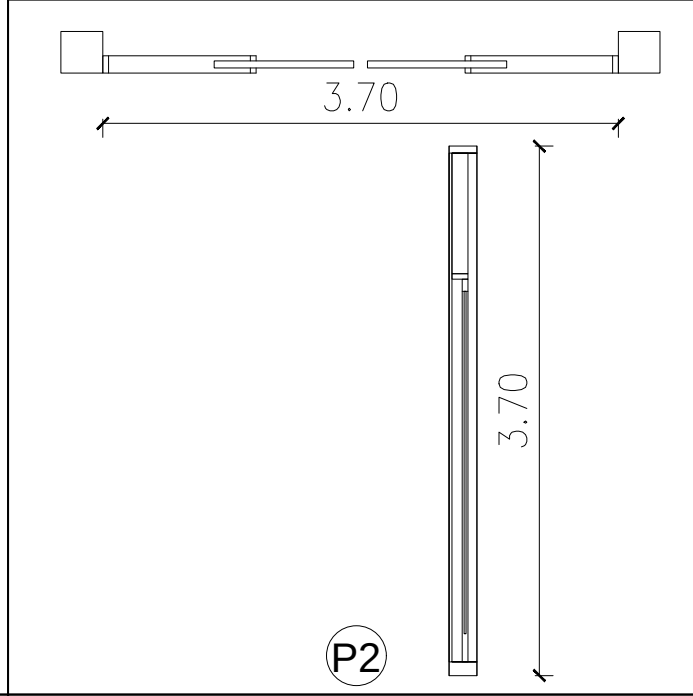
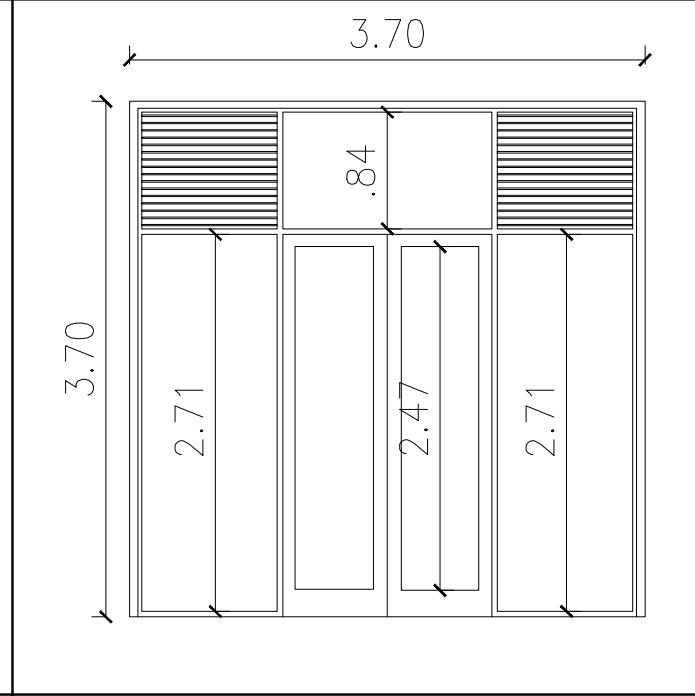
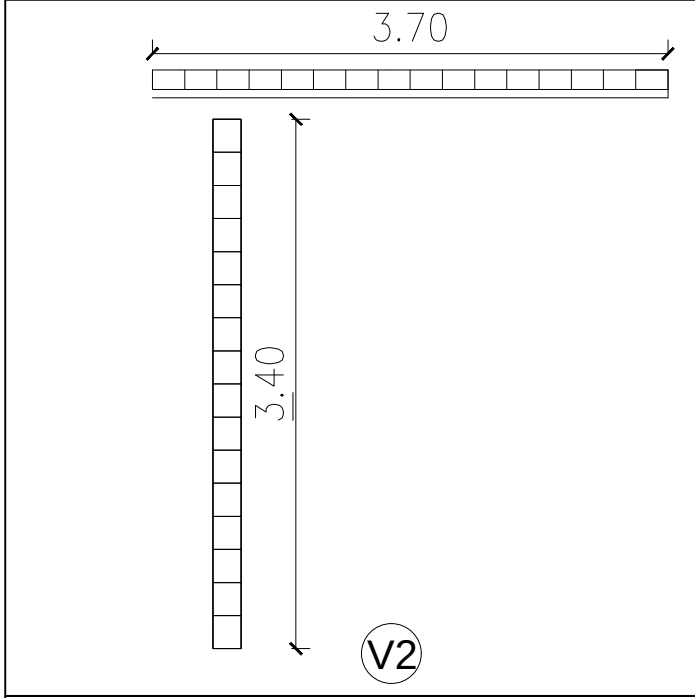
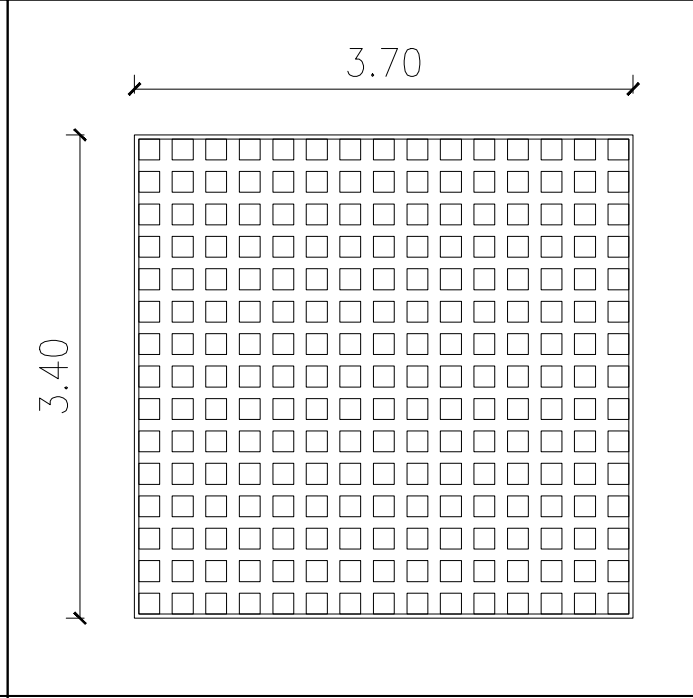
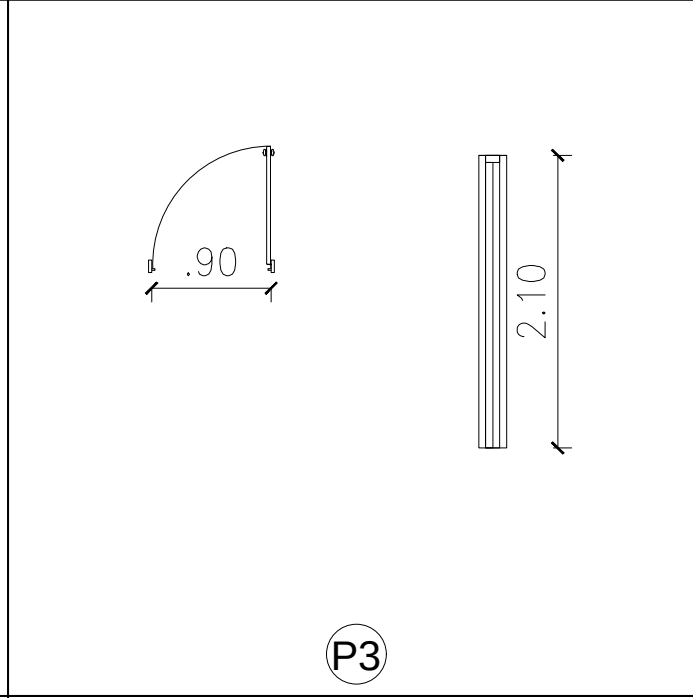
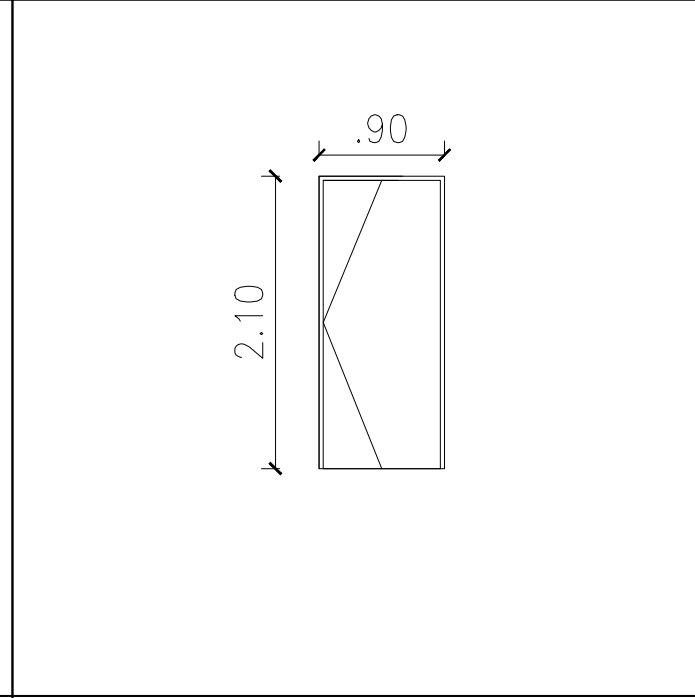
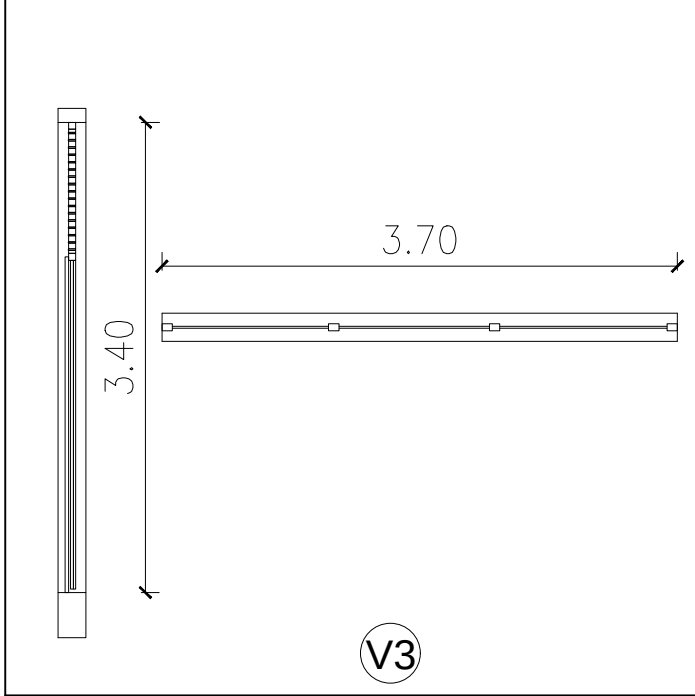
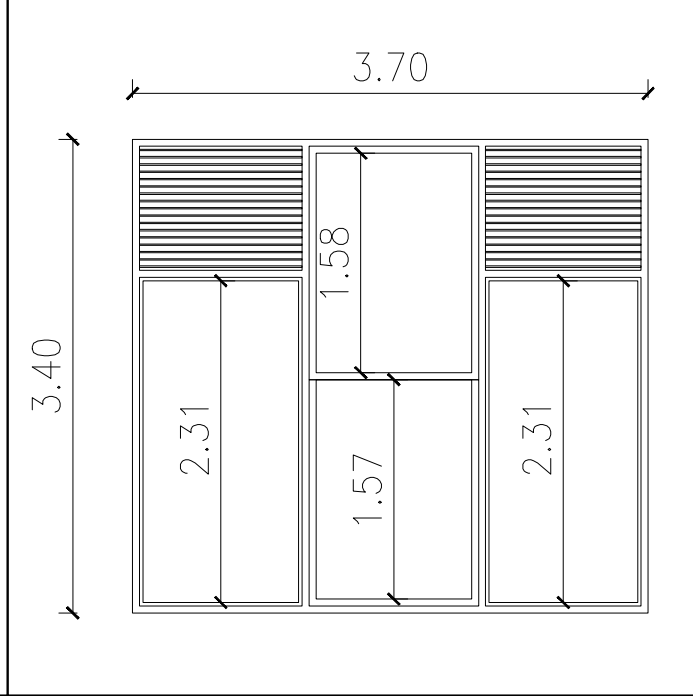
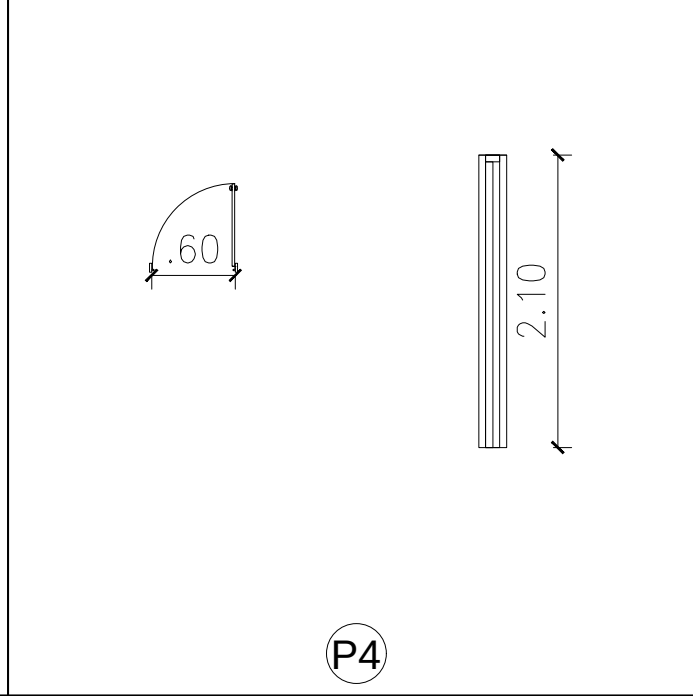
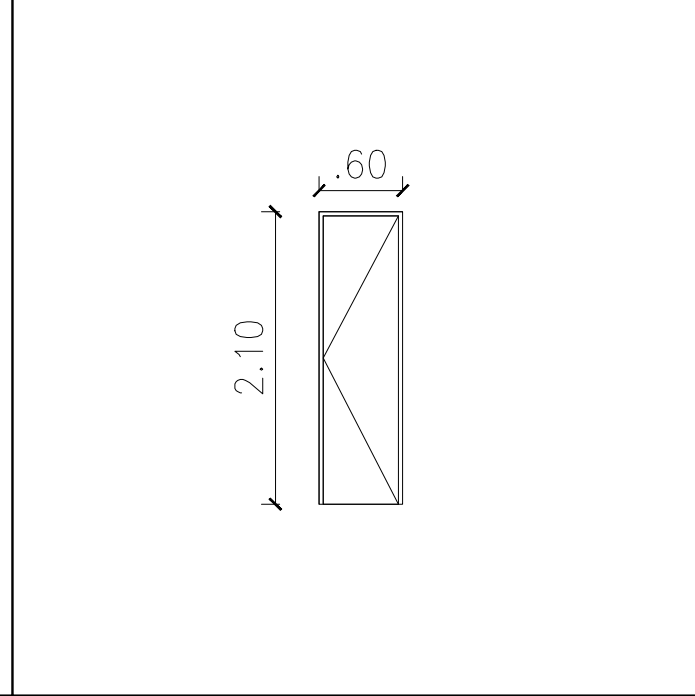
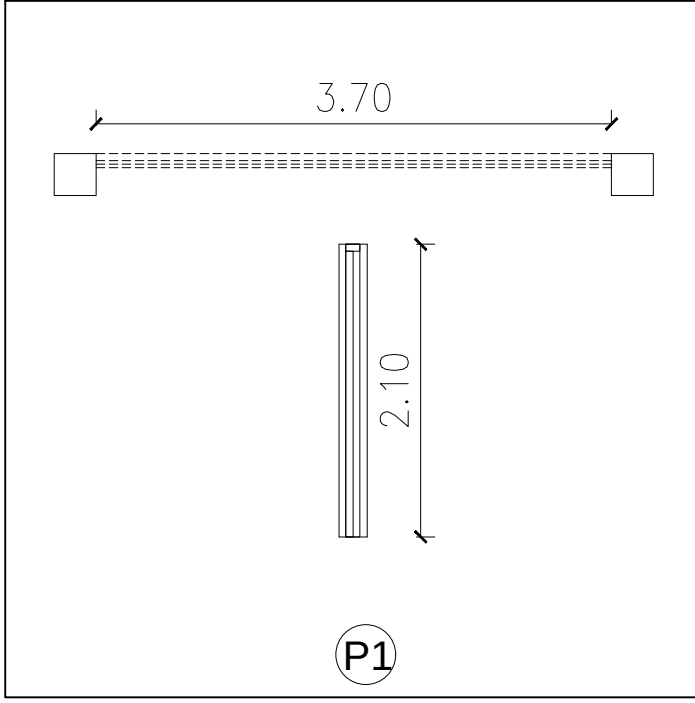
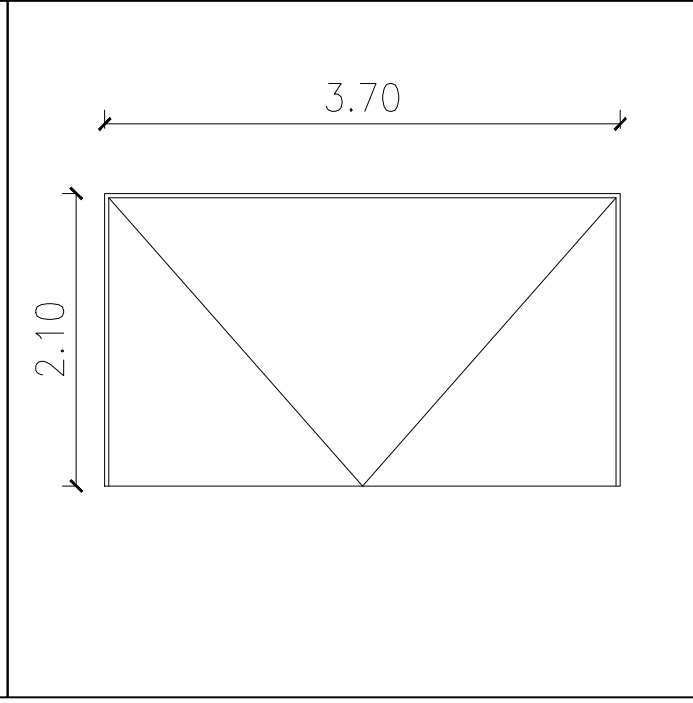
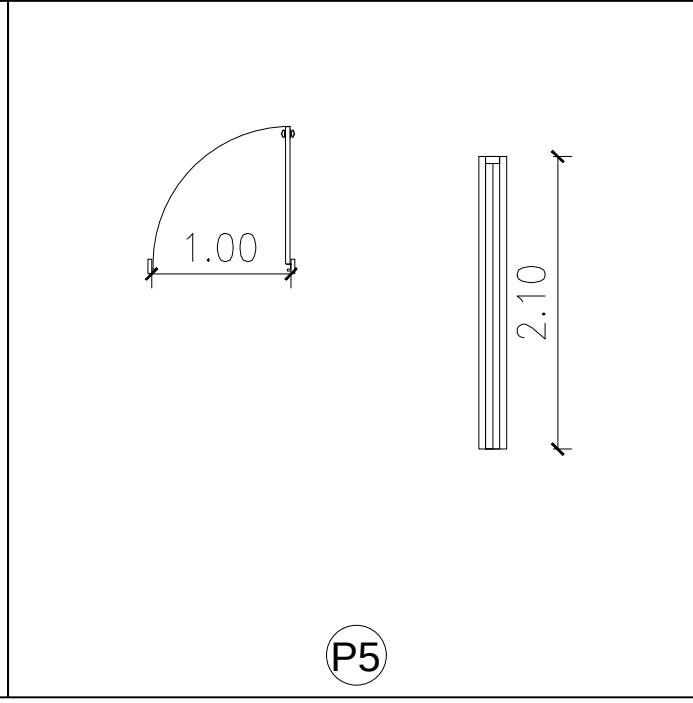
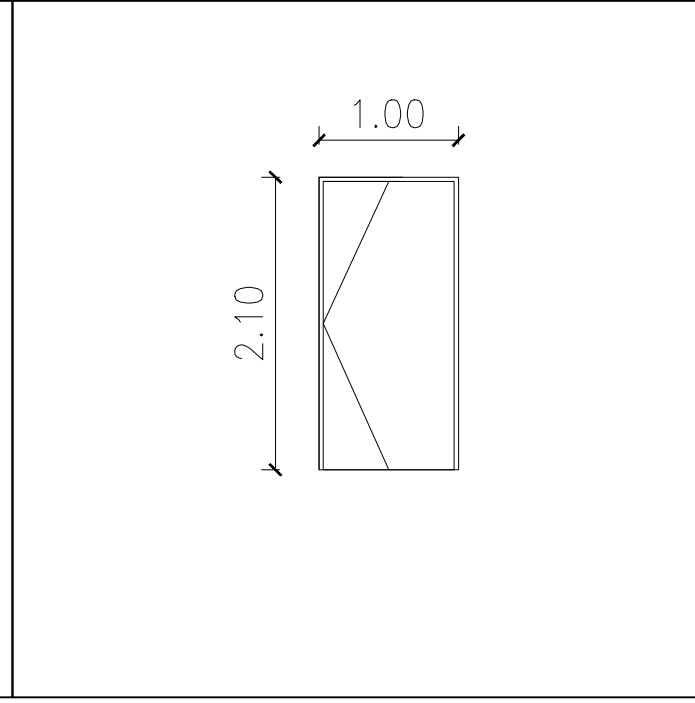


Corte C-C'
Escala 1/100

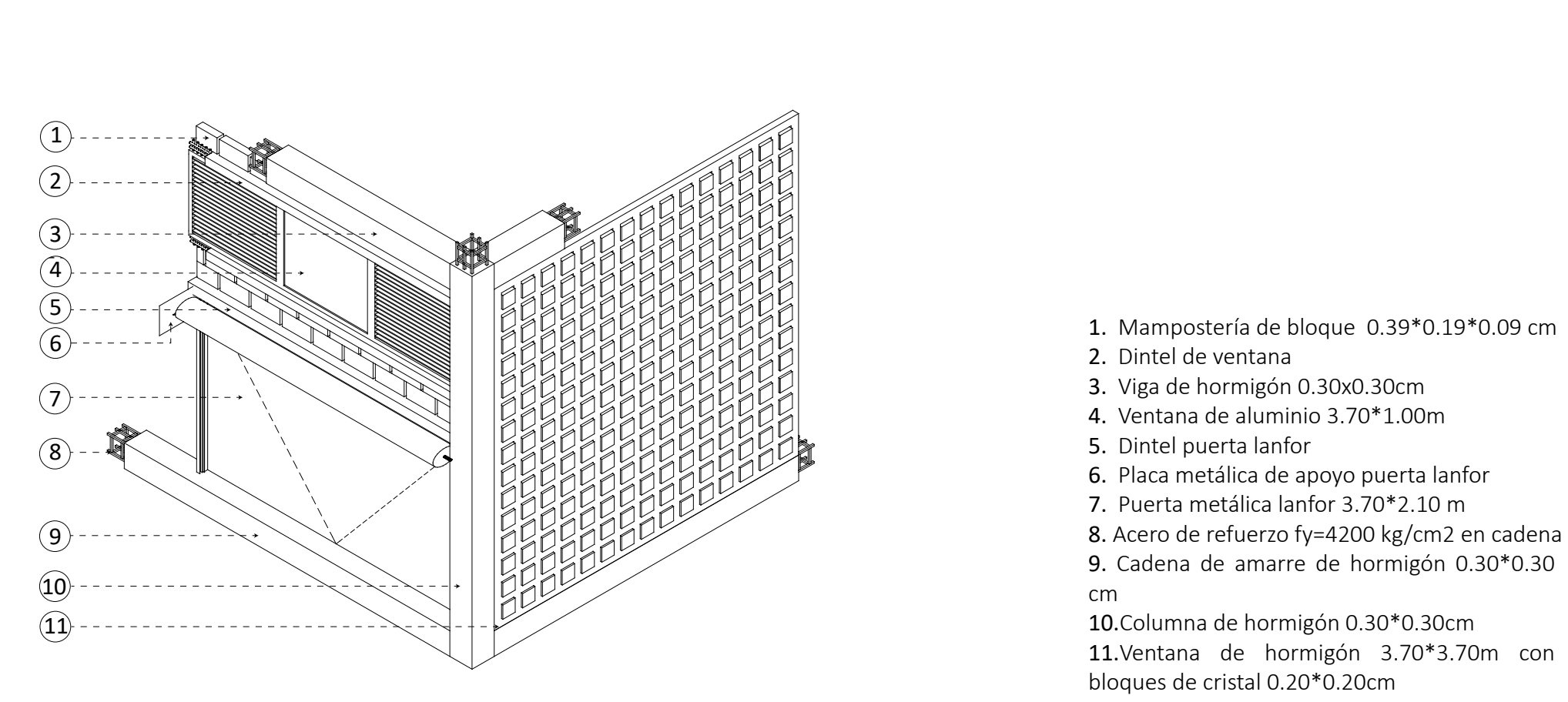
Corte D-D'
Escala 1/100



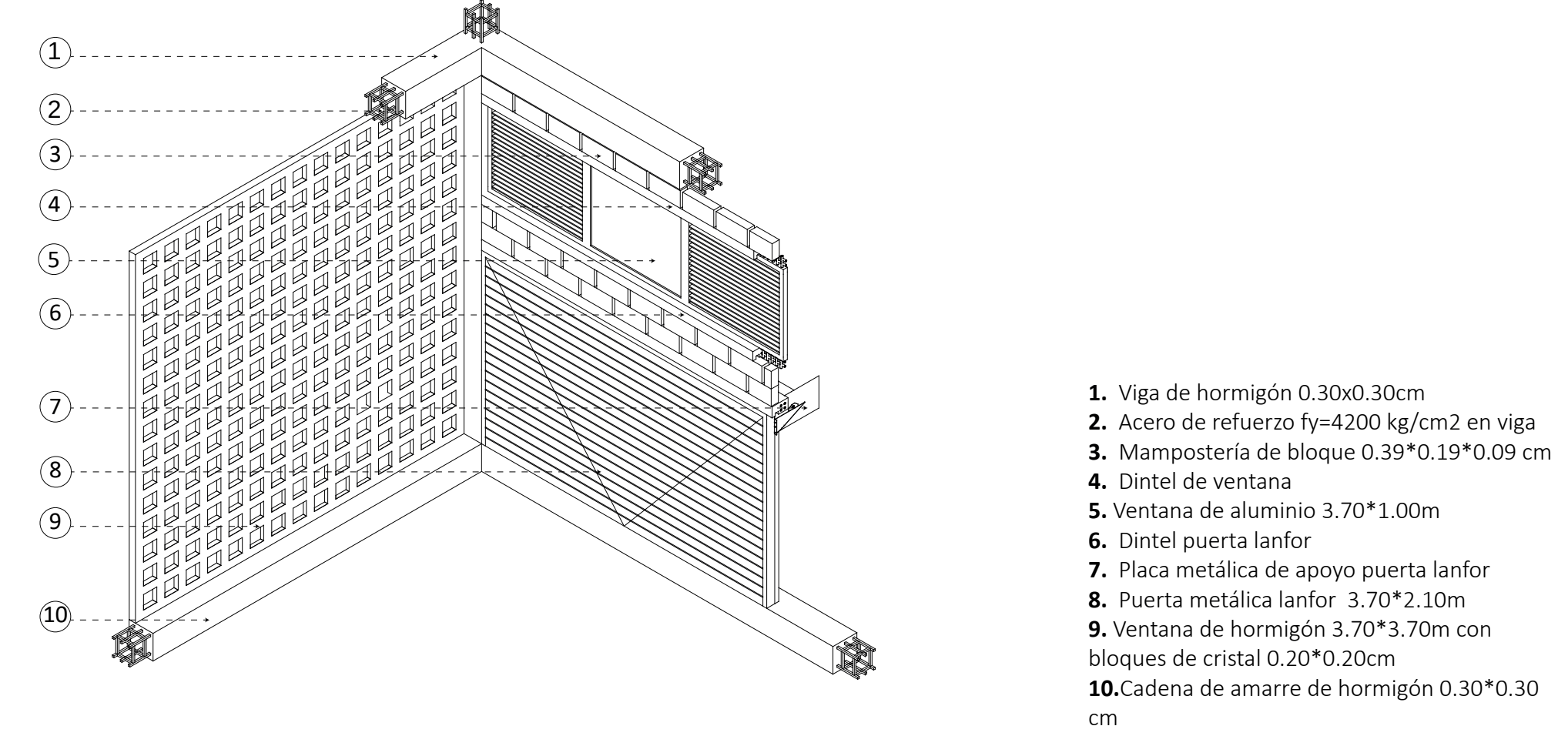


PLANTA - CORTE	FACHADA	DESCRIPCIÓN	PLANTA - CORTE	FACHADA	DESCRIPCIÓN
 V1		Ventanas exteriores de puestos de abasto con marco metálico y vidrio templado	 P2		Puerta de ingreso con marco metálico y vidrio templado
 V2		Ventanas exteriores con marco metálico y vidrio templado	 P3		Puerta de espacios de bodega, con marco metálico
 V3		Ventanas exteriores con marco metálico y vidrio templado	 P4		Puerta de de baños con marco metálico
 P1		Puerta de locales de abasto con marco metálico, tipo lanfort	 P5		Puerta de baños para personas discapacitadas con marco metálico

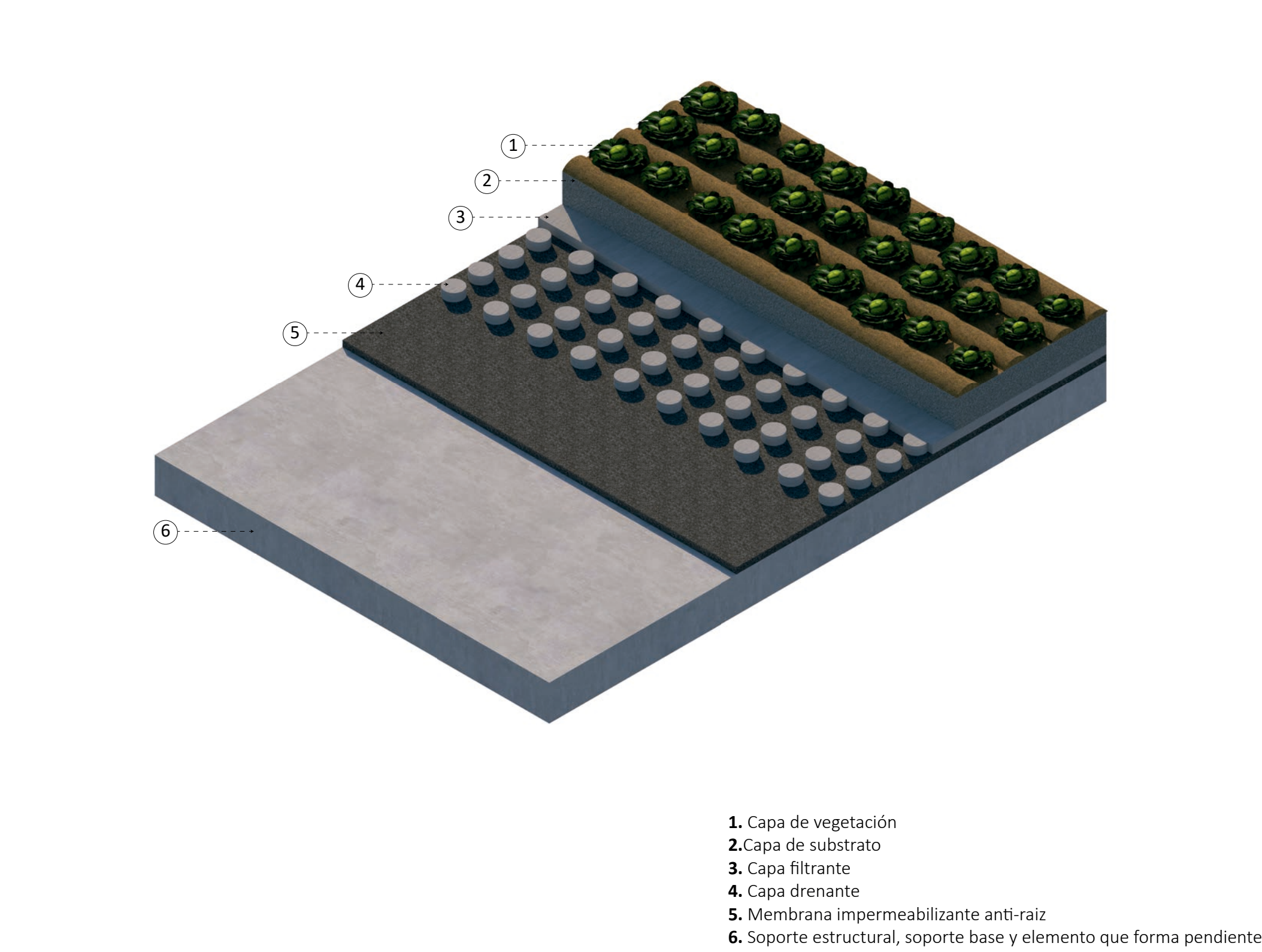
DETALLE CONSTRUCTIVO PUERTA ENROLLABLE LOCALES DE ABASTO



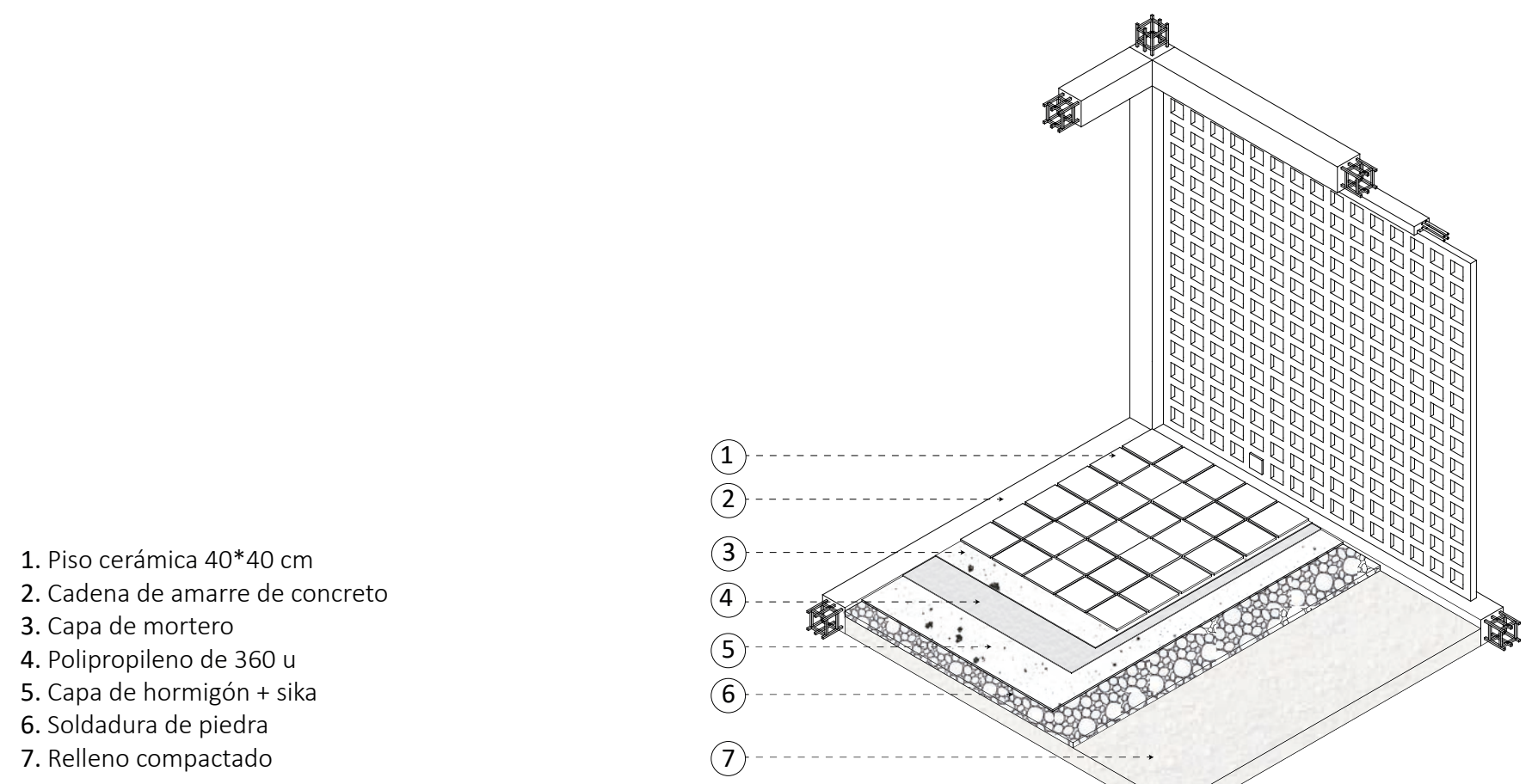
DETALLE CONSTRUCTIVO PUERTA ENROLLABLE LOCALES DE ABASTO



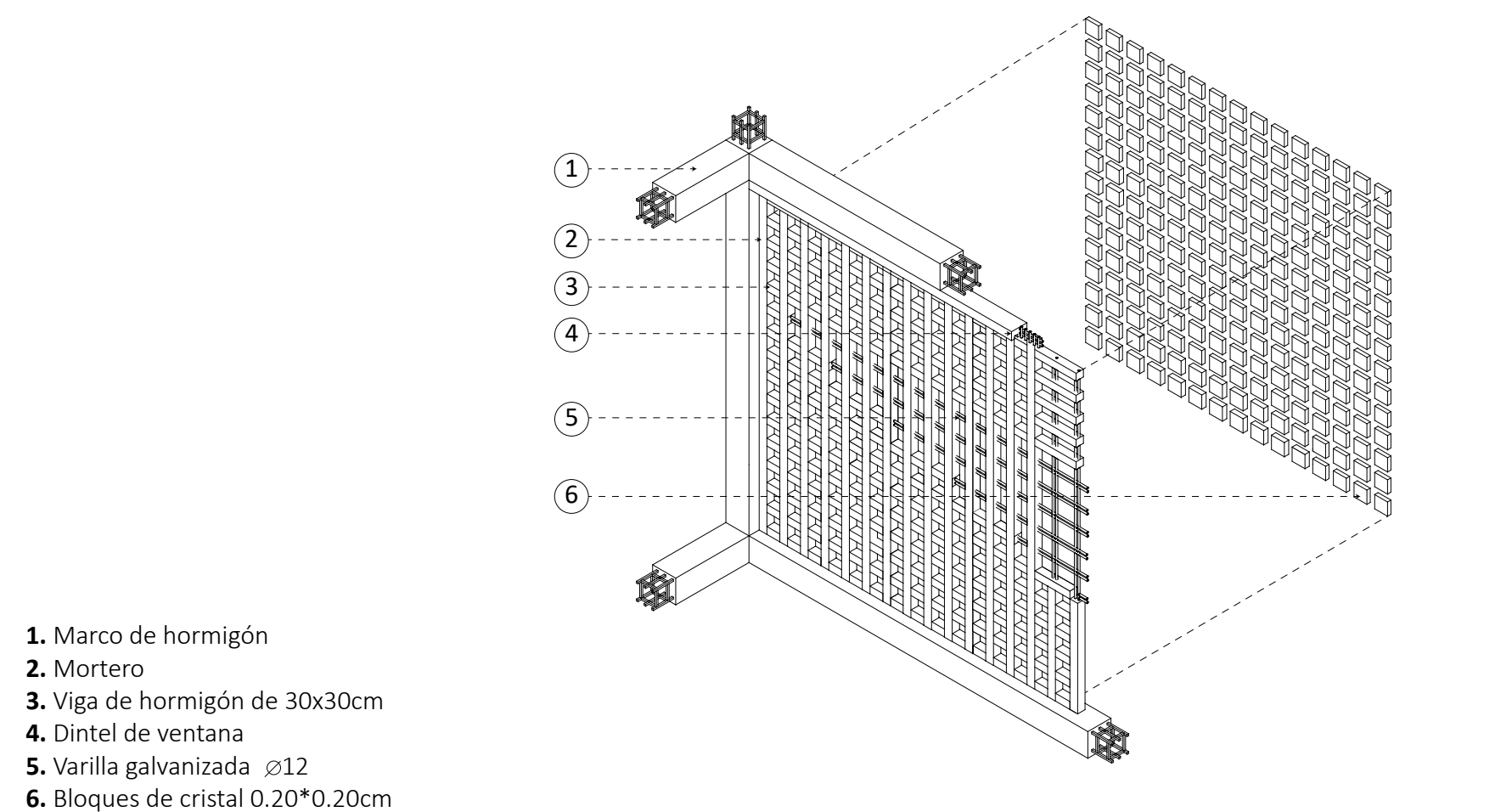
DETALLE HUERTO URBANO



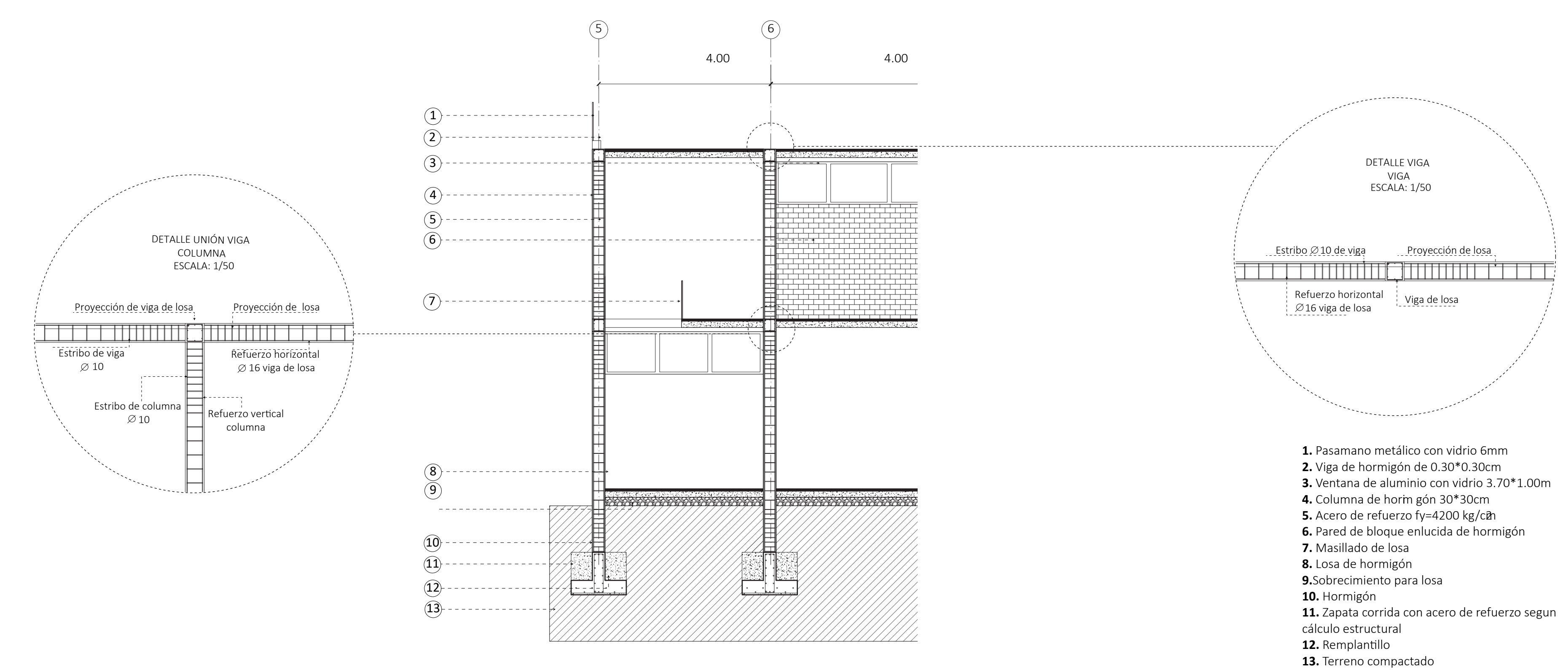
DETALLE CONSTRUCTIVO CONTRAPISO



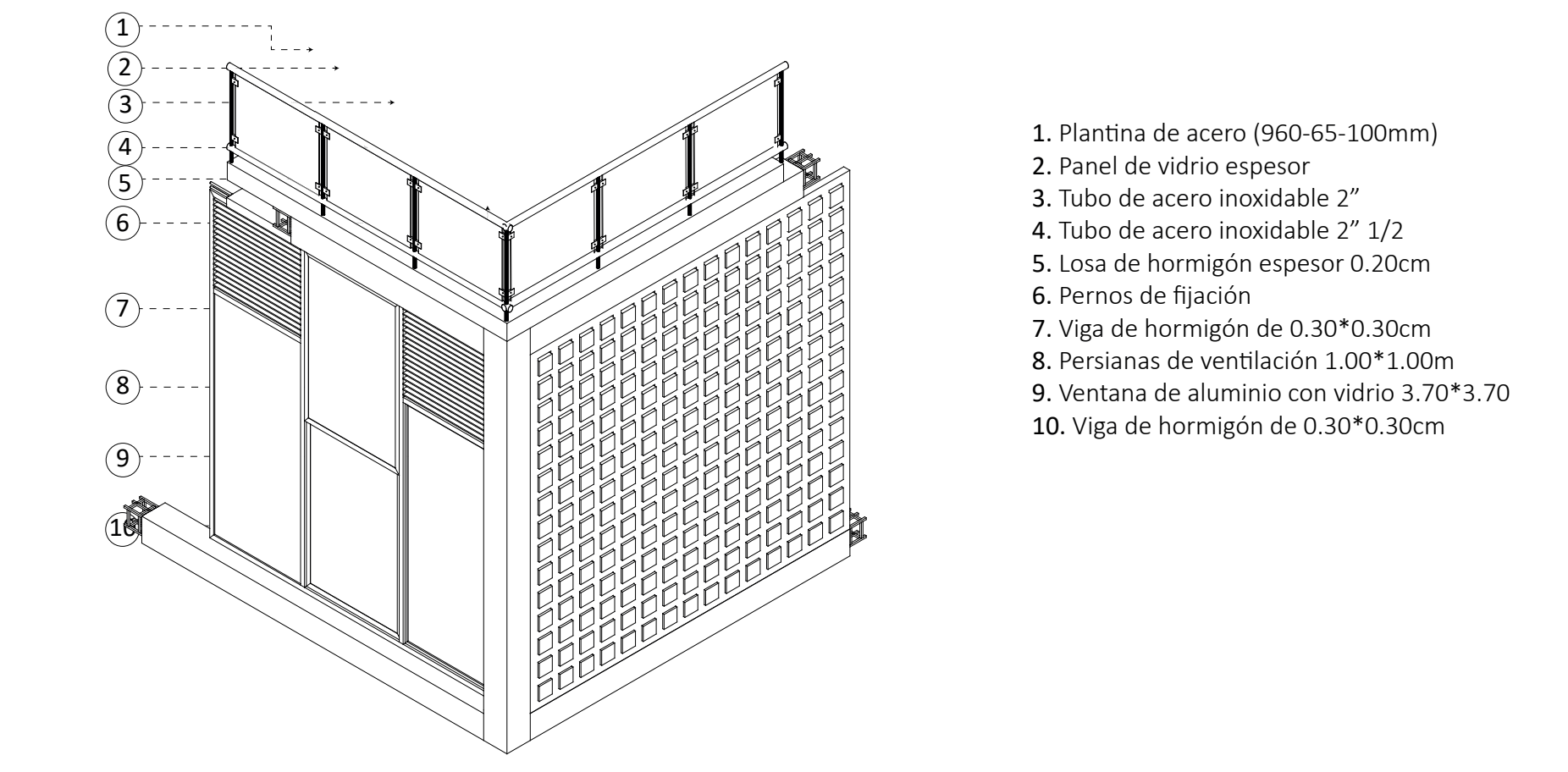
DETALLE VENTANA DE HORMIGÓN CON BLOQUES DE CRISTAL



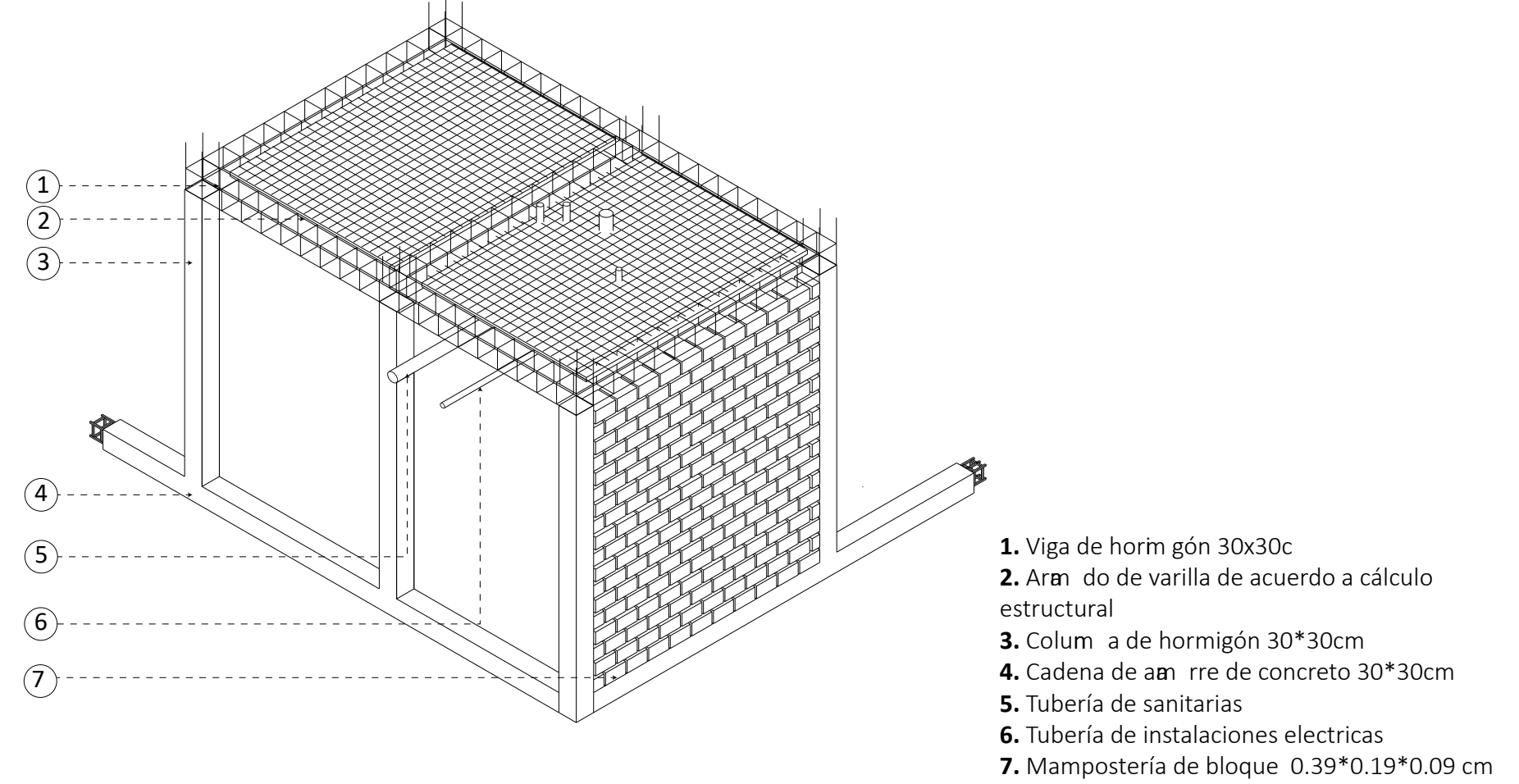
CORTE CONSTRUCTIVO DE LA SECCIÓN D-D'



DETALLE CONSTRUCTIVO ANCLAJE DE PASAMANO DE VIDRIO



DETALLE ARMADO DE LOSA DE CONCRETO



DETALLE DE GRADAS

1. Acero de refuerzo en losa
 2. Viga de hormigón 0.30 x 0.30 cm
 3. Pared de hormigón de ascensor
 4. Columna de hormigón de 0.30 x 0.30 cm
 5. Grada h: 0.30 c: 0.20
 6. Acero de refuerzo viga de cimentación

ESCALA 1/50

DETALLE VISTA EN PERSPECTIVA

1. Pasamano metálico
2. Vidrio claro de 6m
3. Armazón de viga
4. Columna de hormigón 30*30cm
5. Estribos de 10
6. Piso de porcelanato
7. Masillado de losa
8. Losa de hormigón
9. Sobrecimiento para losa
10. Acero de refuerzo según cálculo estructural
11. Replanteo
12. Armazón inferior de la zapata
13. Terreno compacto

DETALLE CONSTRUCTIVO DUCTO DE BASURA

DETALLE CONSTRUCTIVO DUCTO DE BASURA

1 Detalle isométrico de corte tipo losa

2 Corte de losa tipo

3 Detalle de tipo muro $e = 0.25 \text{ cm}$

4 Corte tipo zapata corrida

1 Detalle isométrico de corte tipo losa

1. Loseta $e = 5$ cm
2. Viga de hormigón de 0.30×0.30 cm
3. Nervio
4. Altura de losa de 20 cm
5. Refuerzo superior
6. Refuerzo inferior
7. Alivianamiento con bloque $20 \times 40 \times 20$

2 Corte de losa tipo

1. Loseta $e = 5$ cm
2. Alivianamiento con bloque $20 \times 40 \times 20$

3

Detalle de tipo muro $e = 0.25$ cm

Technical drawing showing a detail of a wall type with $e = 0.25$ cm. The drawing includes a cross-section of the wall and a longitudinal section. The wall has a thickness of 0.25 cm. The reinforcement consists of top reinforcement (1), wall reinforcement (2), and compacted fill (3). The wall is shown with a vertical reinforcement bar and a horizontal reinforcement bar. The compacted fill is shown with a hatched pattern.

1. Armado superior de viga
2. Armado de muro
3. Relleno compactado

4

Corte tipo zapata corrida

Technical drawing showing a cross-section of a continuous footing (zapata corrida). The footing has a total width of 1.30 m and a height of 1.50 m. The footing is divided into three sections: a central section with a width of 0.50 m and a height of 0.50 m, and two side sections with a width of 0.30 m and a height of 0.50 m. The reinforcement consists of top reinforcement (1), wall reinforcement (2), and compacted fill (3). The wall is shown with a vertical reinforcement bar and a horizontal reinforcement bar. The compacted fill is shown with a hatched pattern.

1. Acero de refuerzo según cálculo estructural
2. Replanteo
3. Piedra de compactación

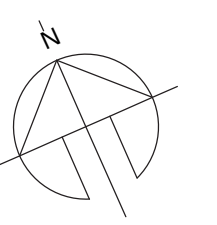
11

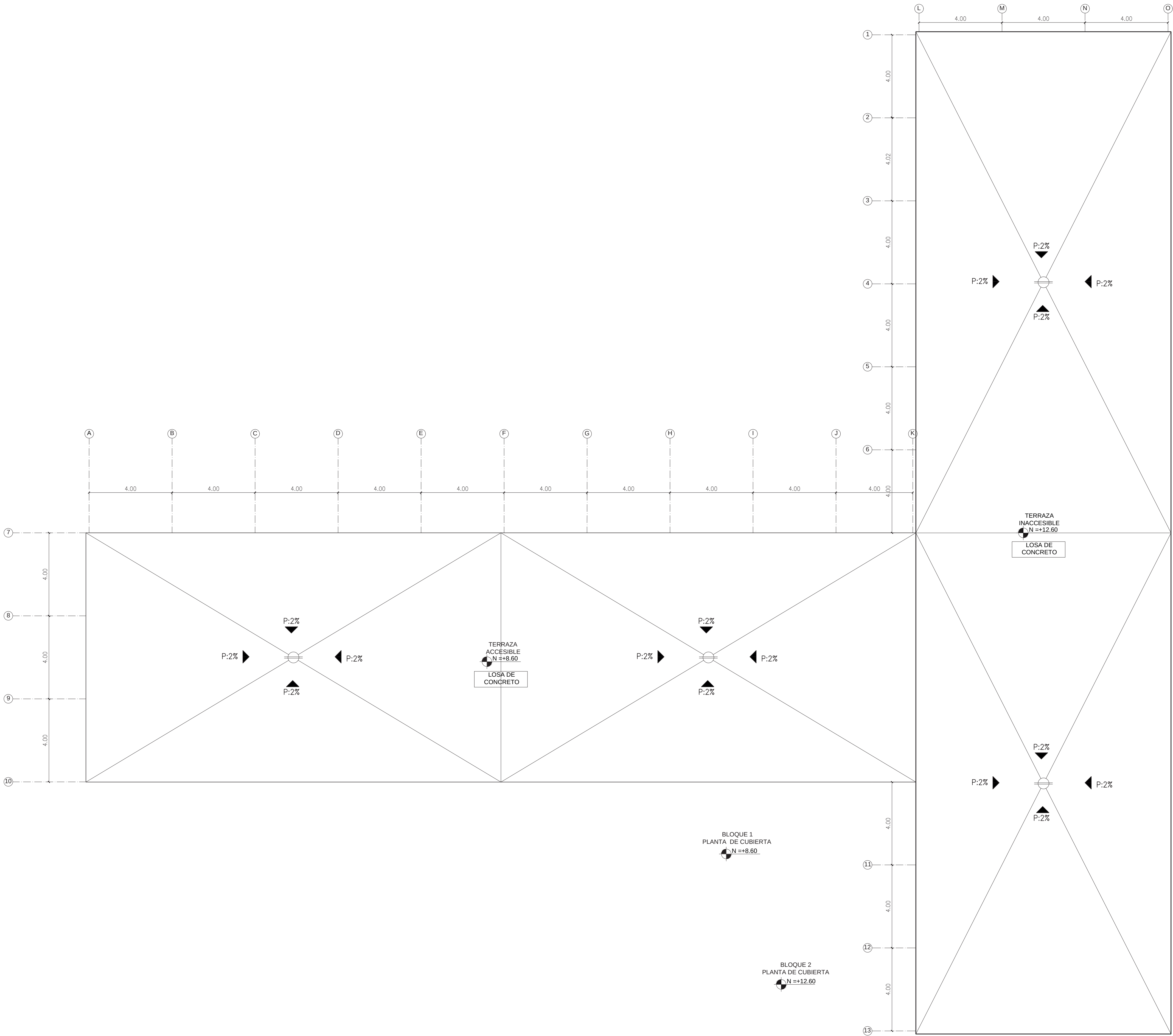
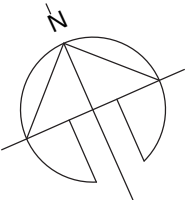
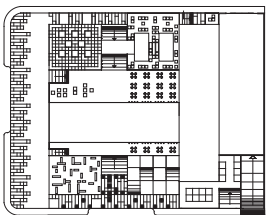
FACULTAD DE ARQUITECTURA E INGENIERÍAS
TRABAJO DE TITULACIÓN PREVIO A LA OBTENCIÓN DEL TÍTULO DE ARQUITECTO

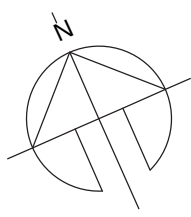
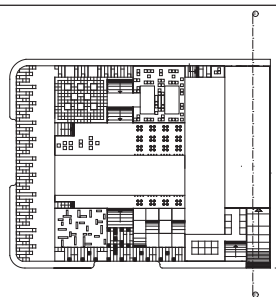
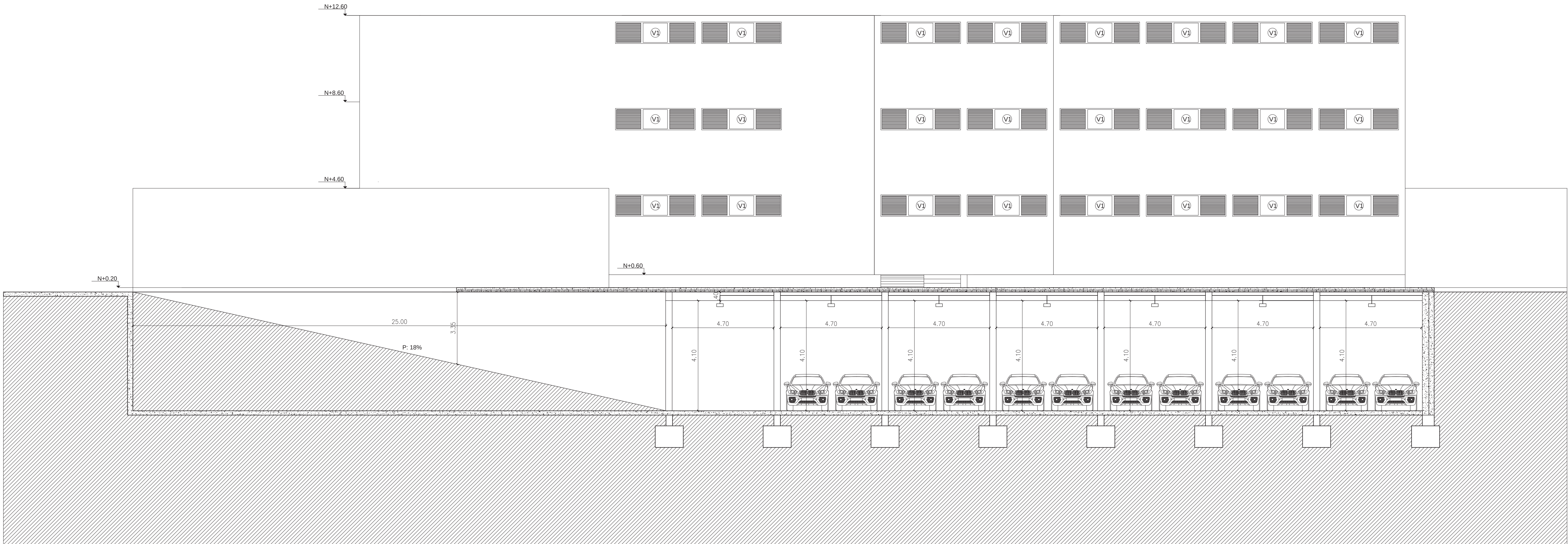
AUTOR:
THALIA MONTSERRATHE HERRERA PEÑAHERRERA

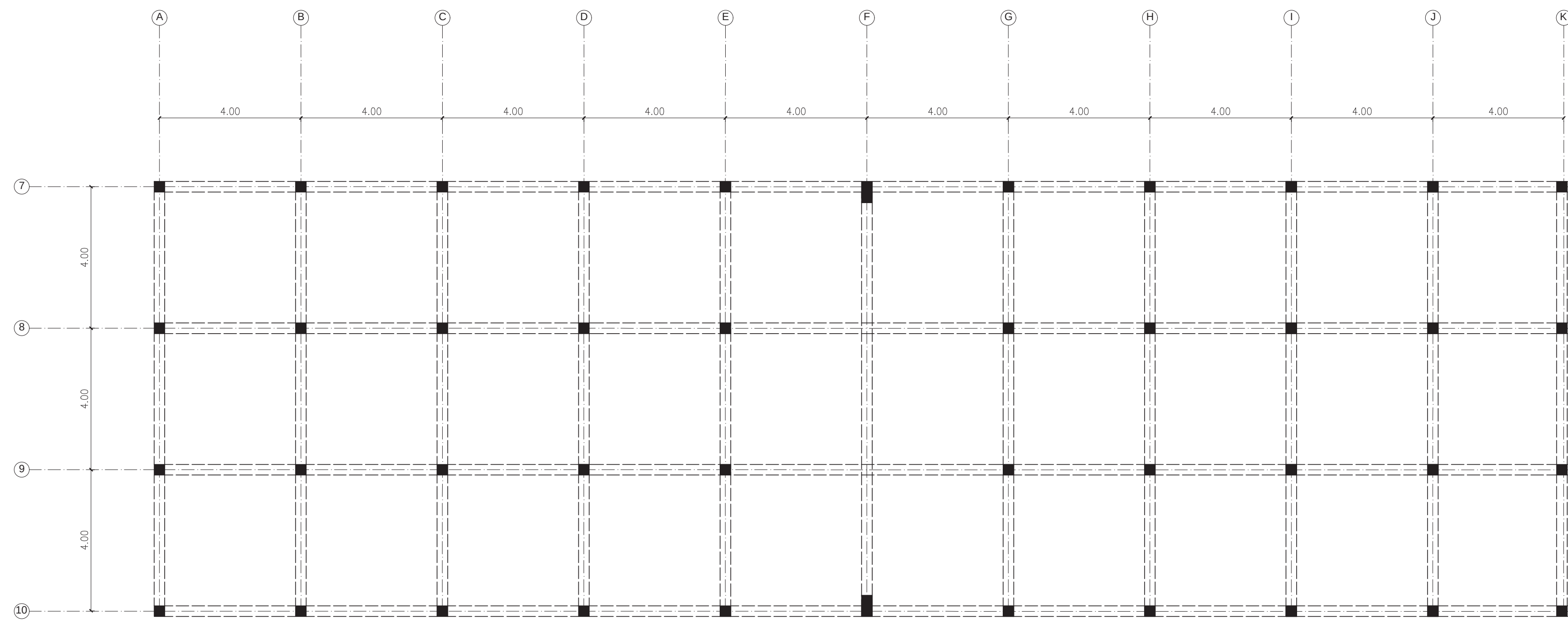
ESCALA:
S/N

The floor plan shows a large rectangular building with a complex internal layout. It includes a large central hall, several smaller rooms, and a series of rooms along the left and right sides. The plan is detailed with walls, doors, and furniture, providing a clear view of the building's structure.

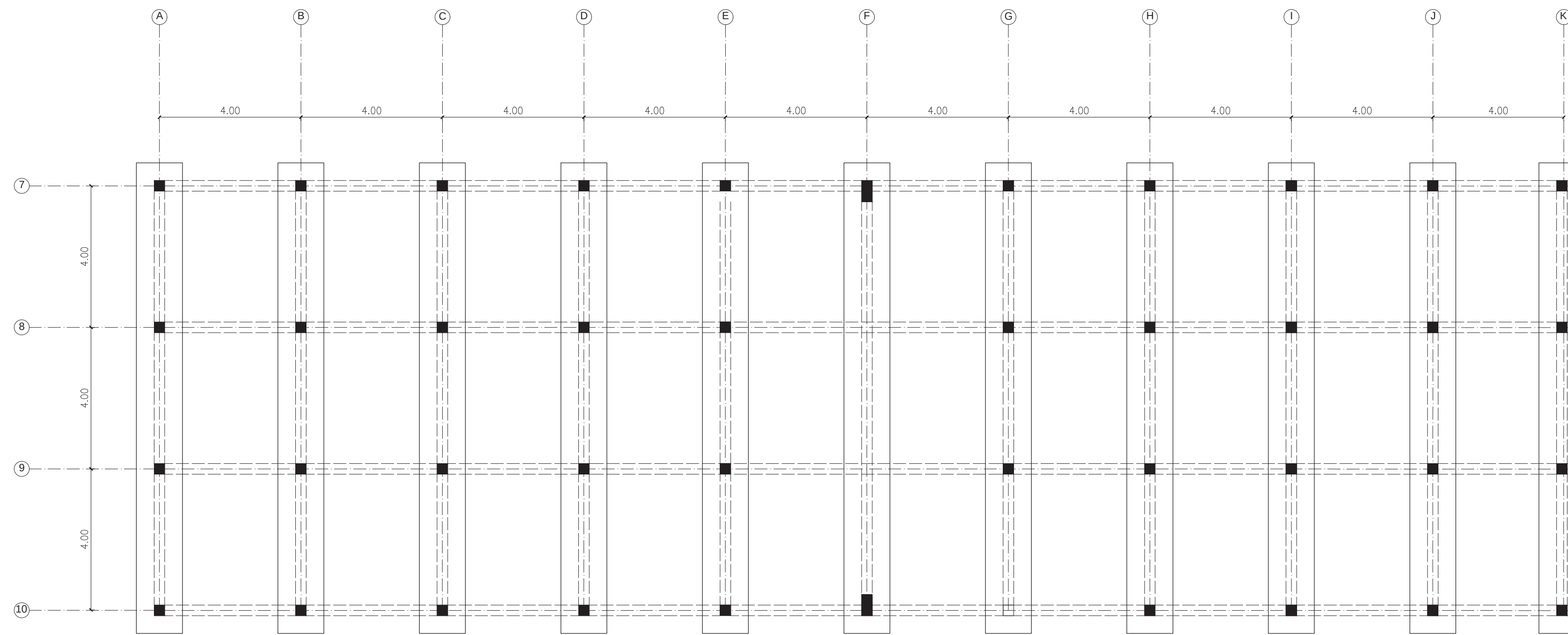




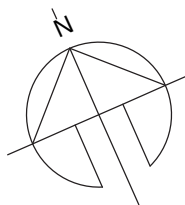
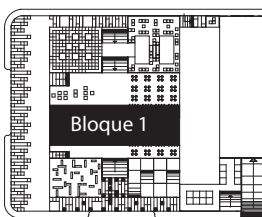


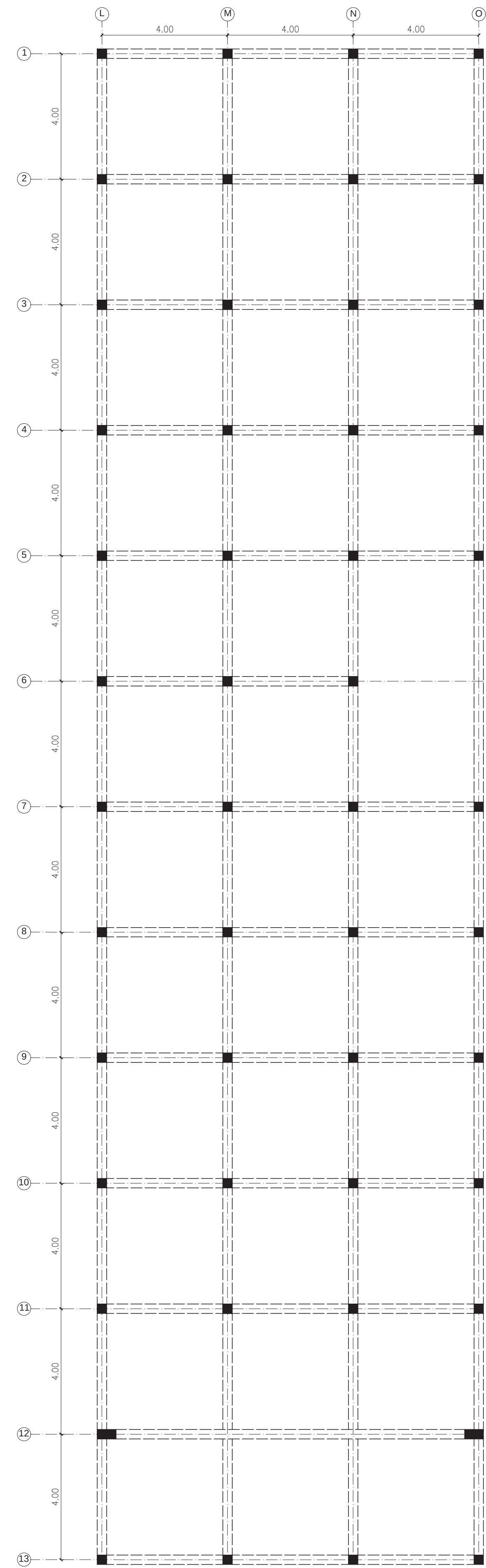


BLOQUE 1
PLANTA ESTRUCTURAL
N = -1.30

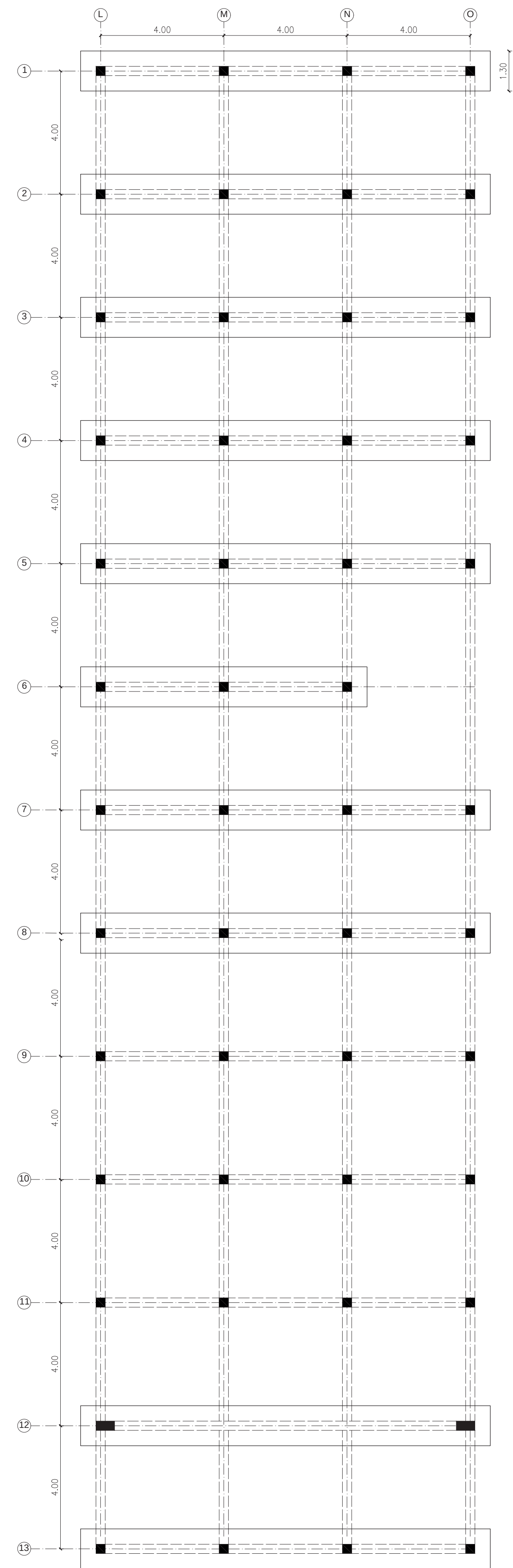
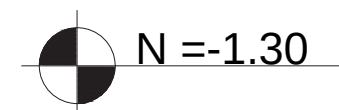


BLOQUE 2
PLANTA CIMENTACIÓN
N = -1.30

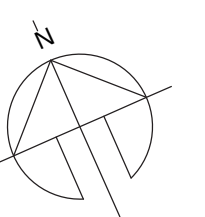
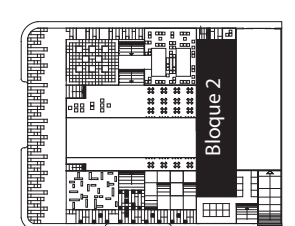


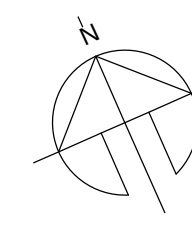
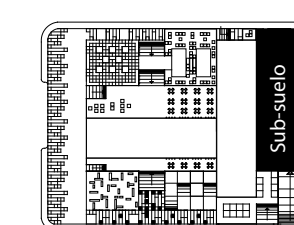
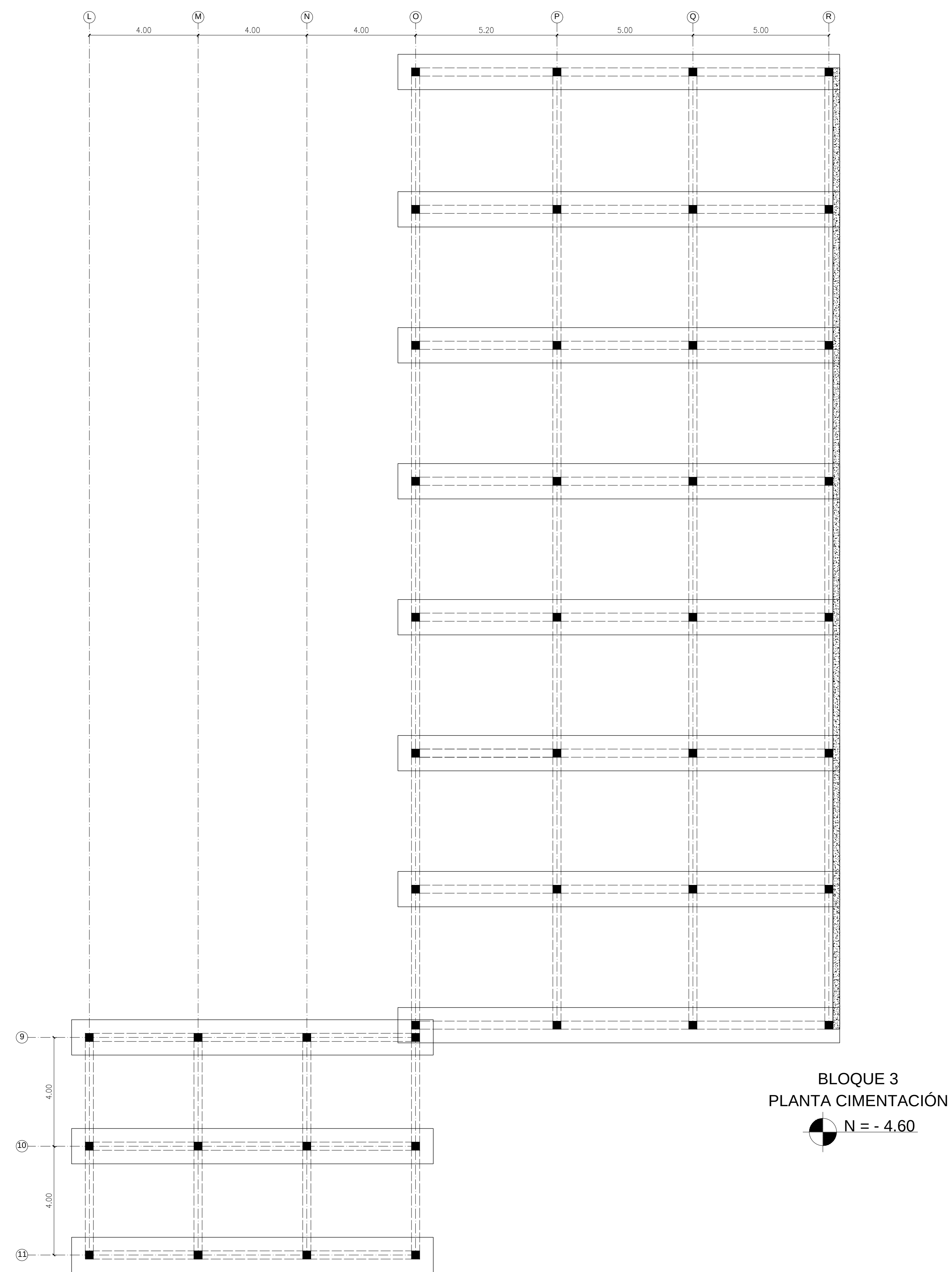
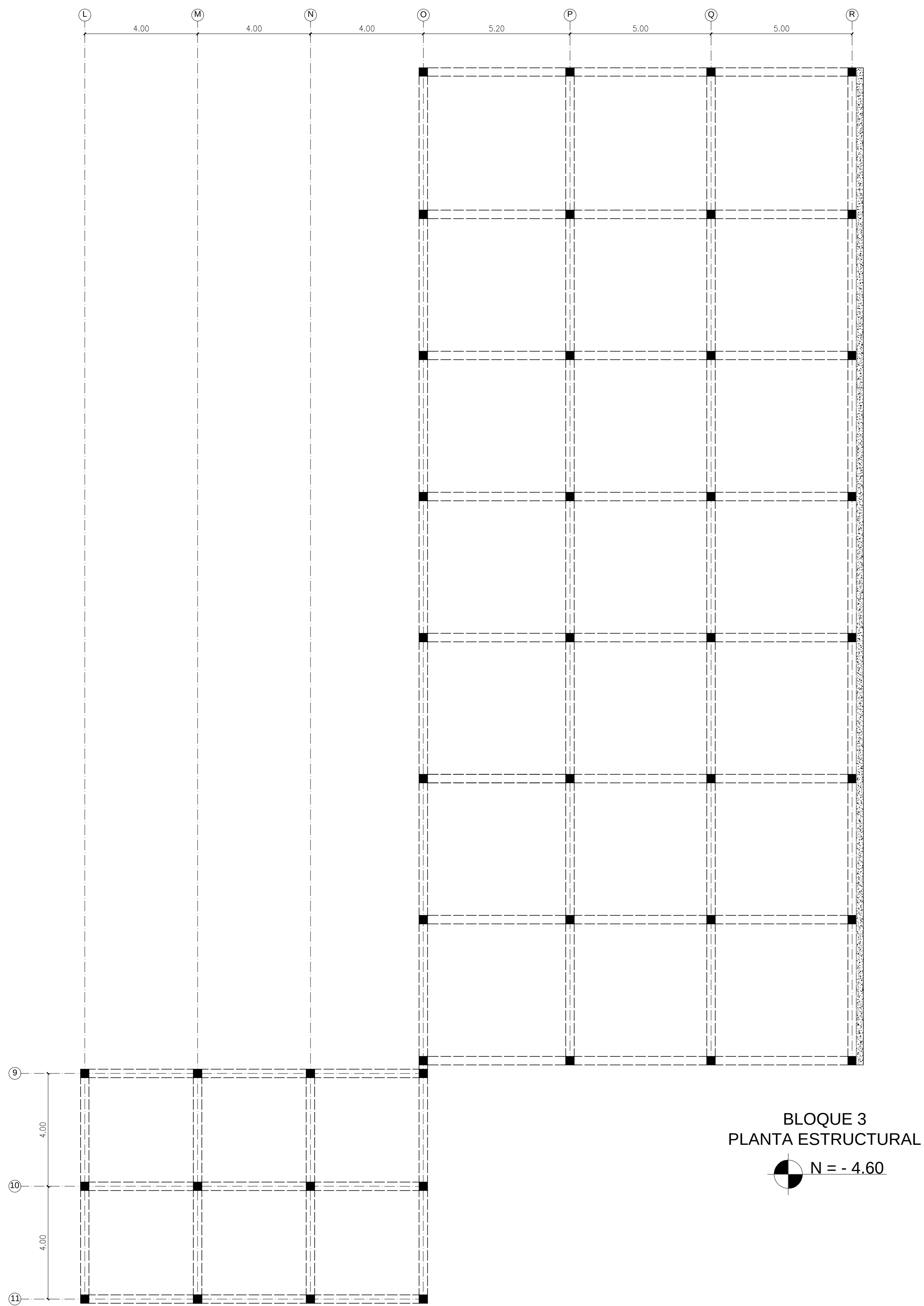


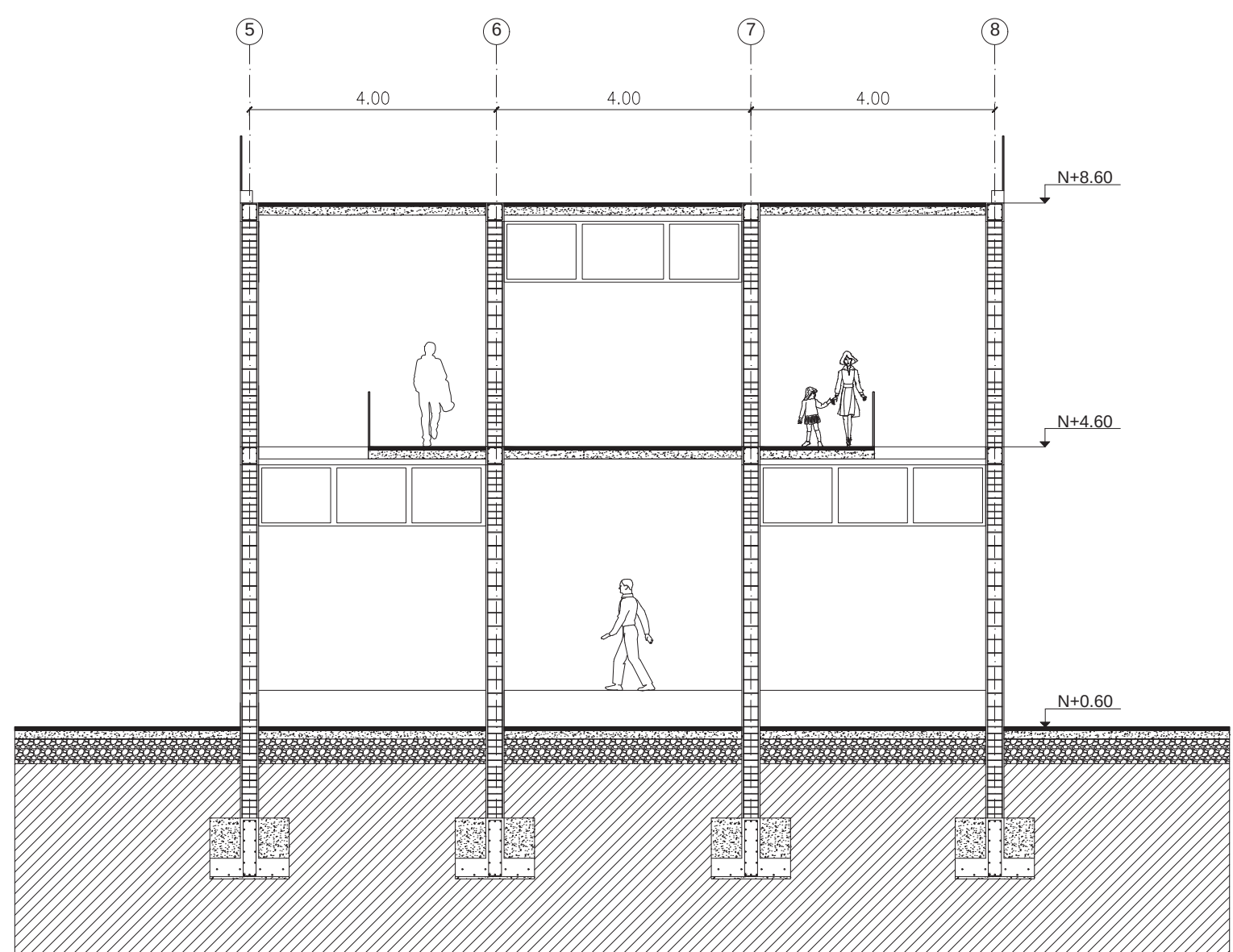
BLOQUE 2
PLANTA ESTRUCTURAL



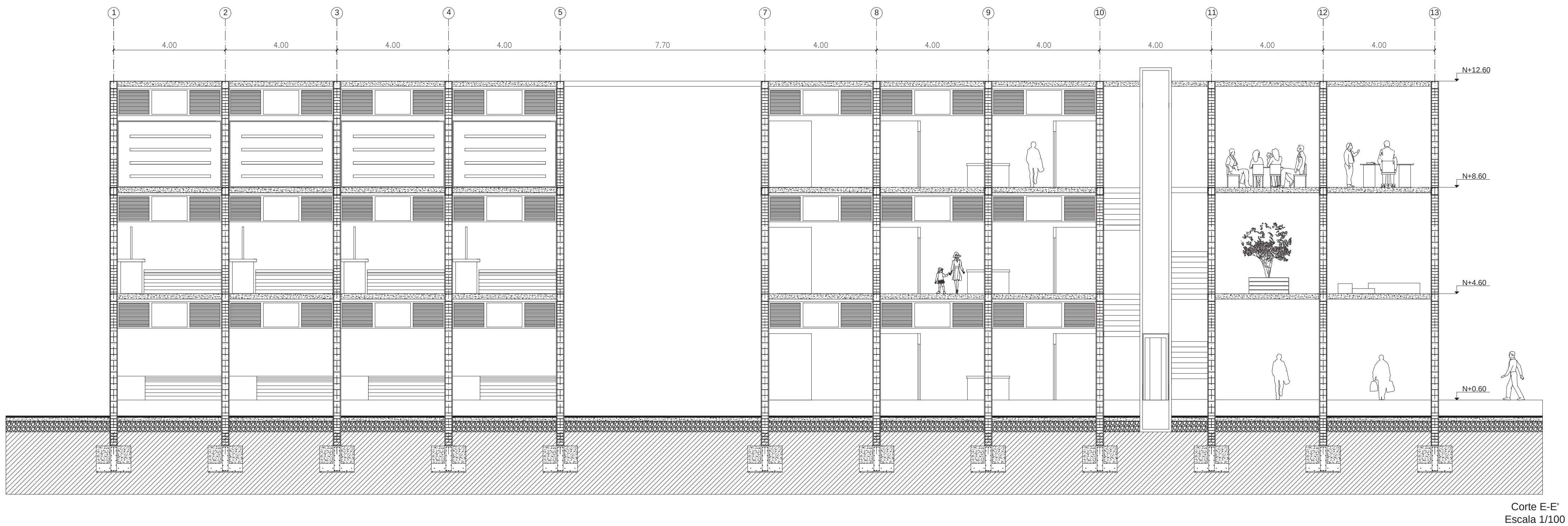
BLOQUE 2
PLANTA CIMENTACIÓN



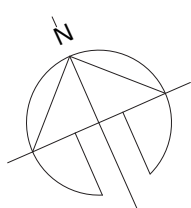
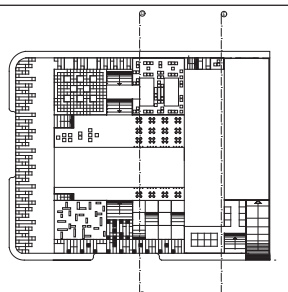


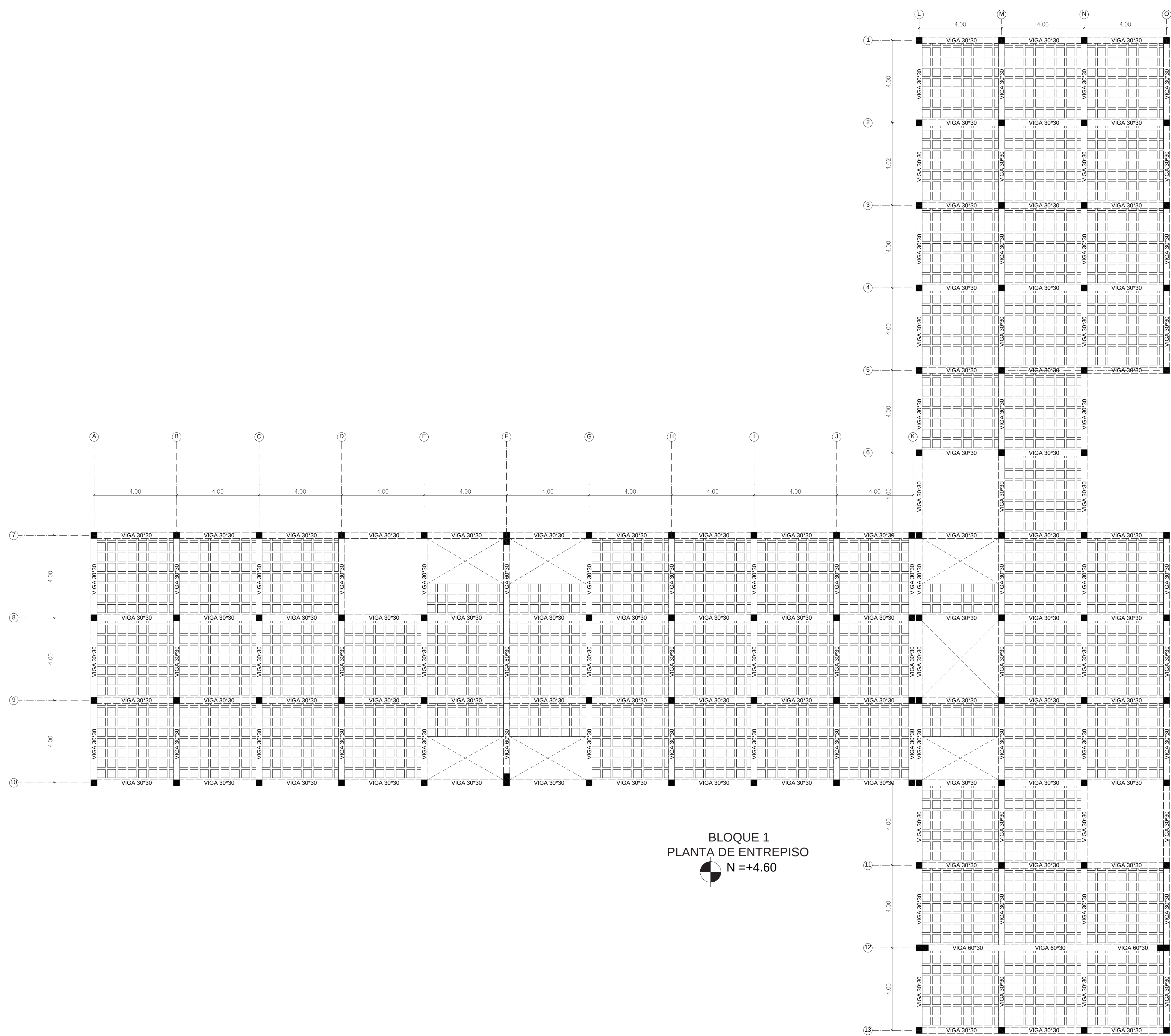


Corte D-D'
Escala 1/100

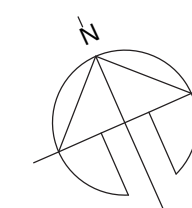
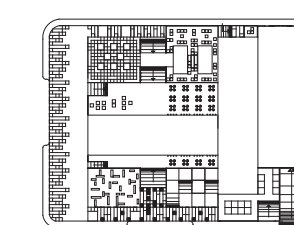


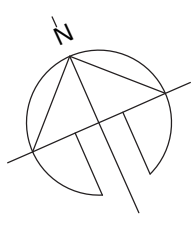
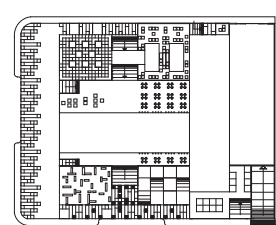
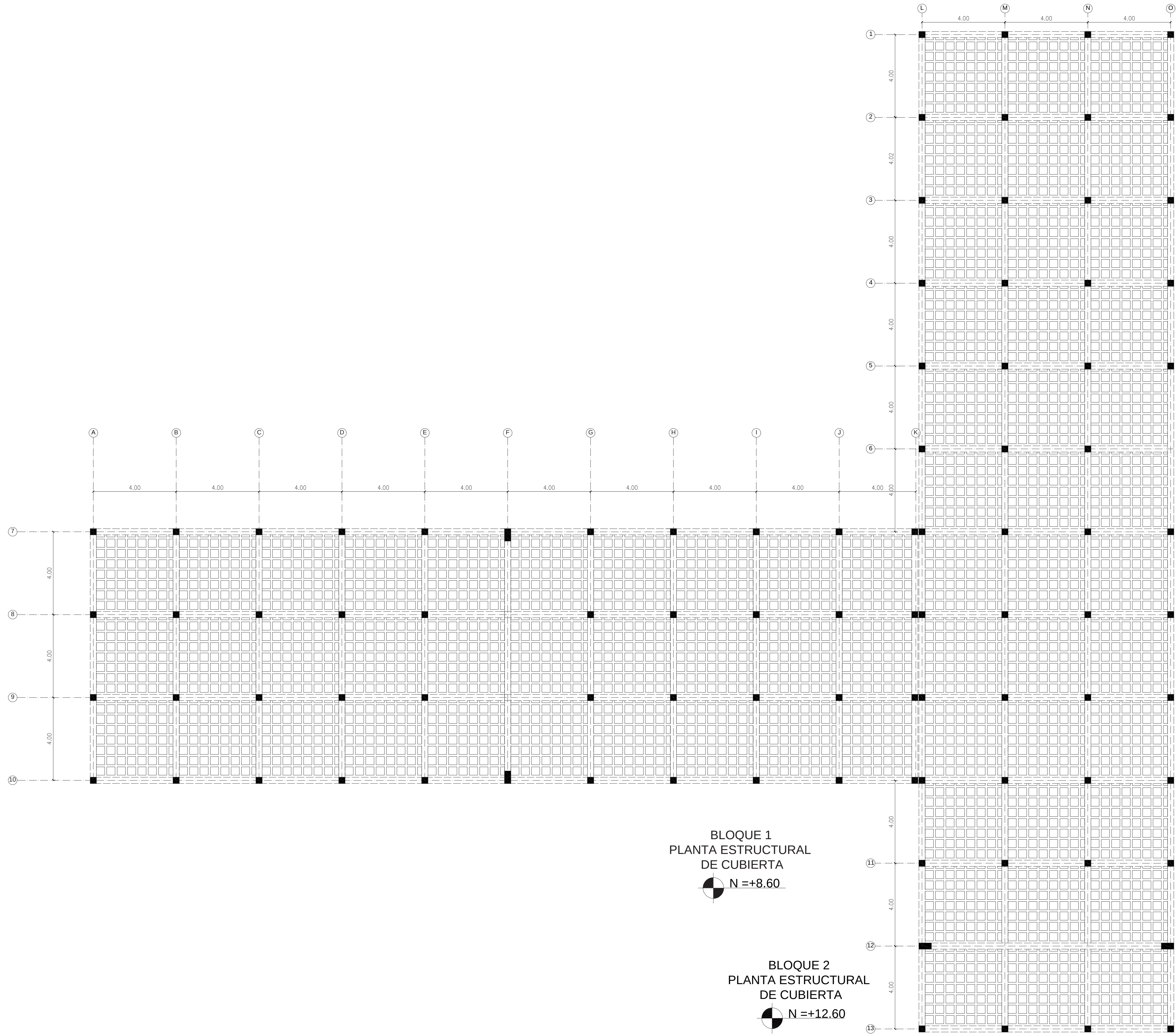
Corte E-E'
Escala 1/100

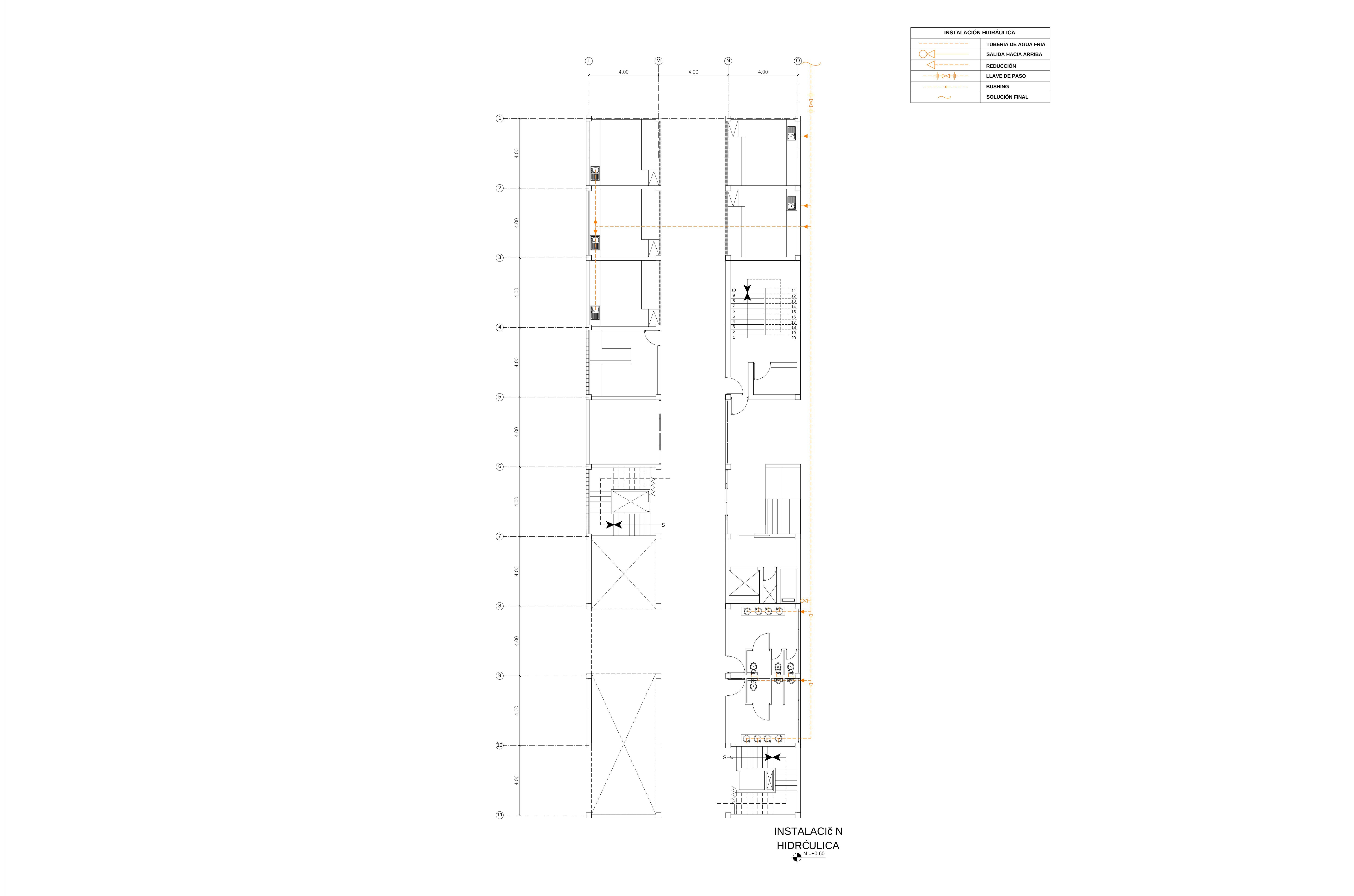


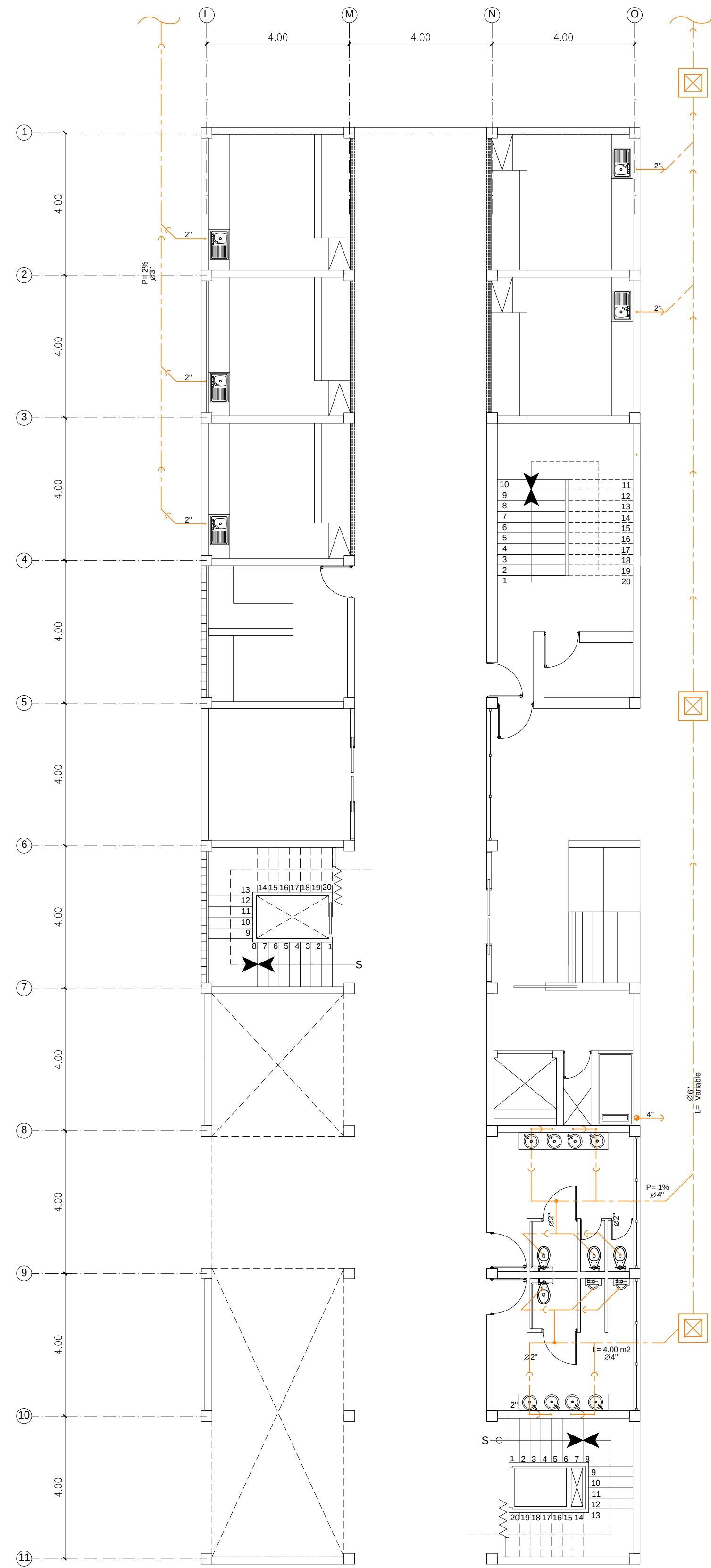


BLOQUE 2
PLANTA DE ENTREPISO
N =+4.60





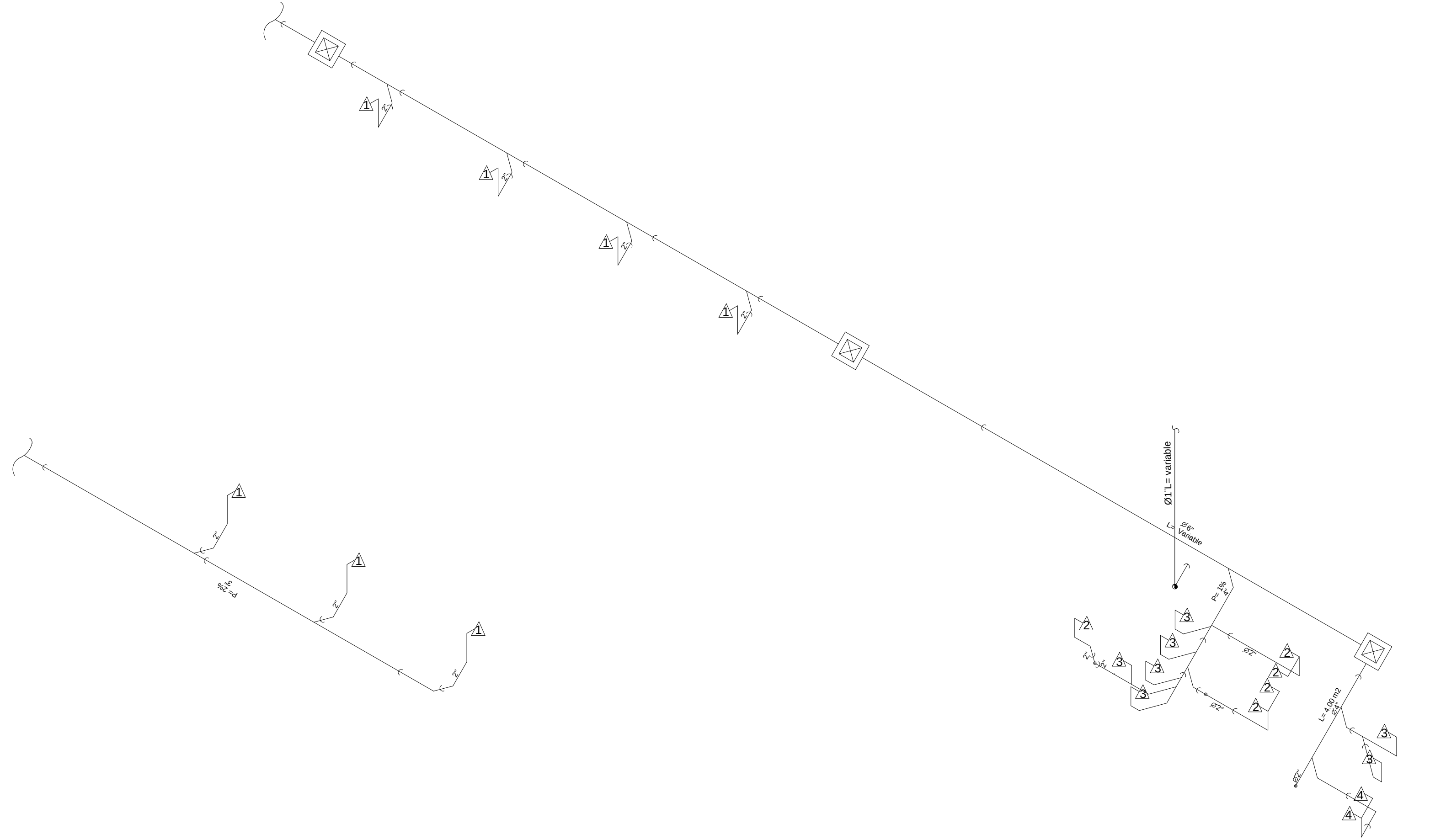




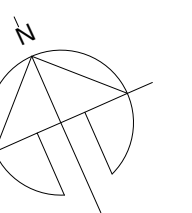
INSTALACIÓN
SANITARIA

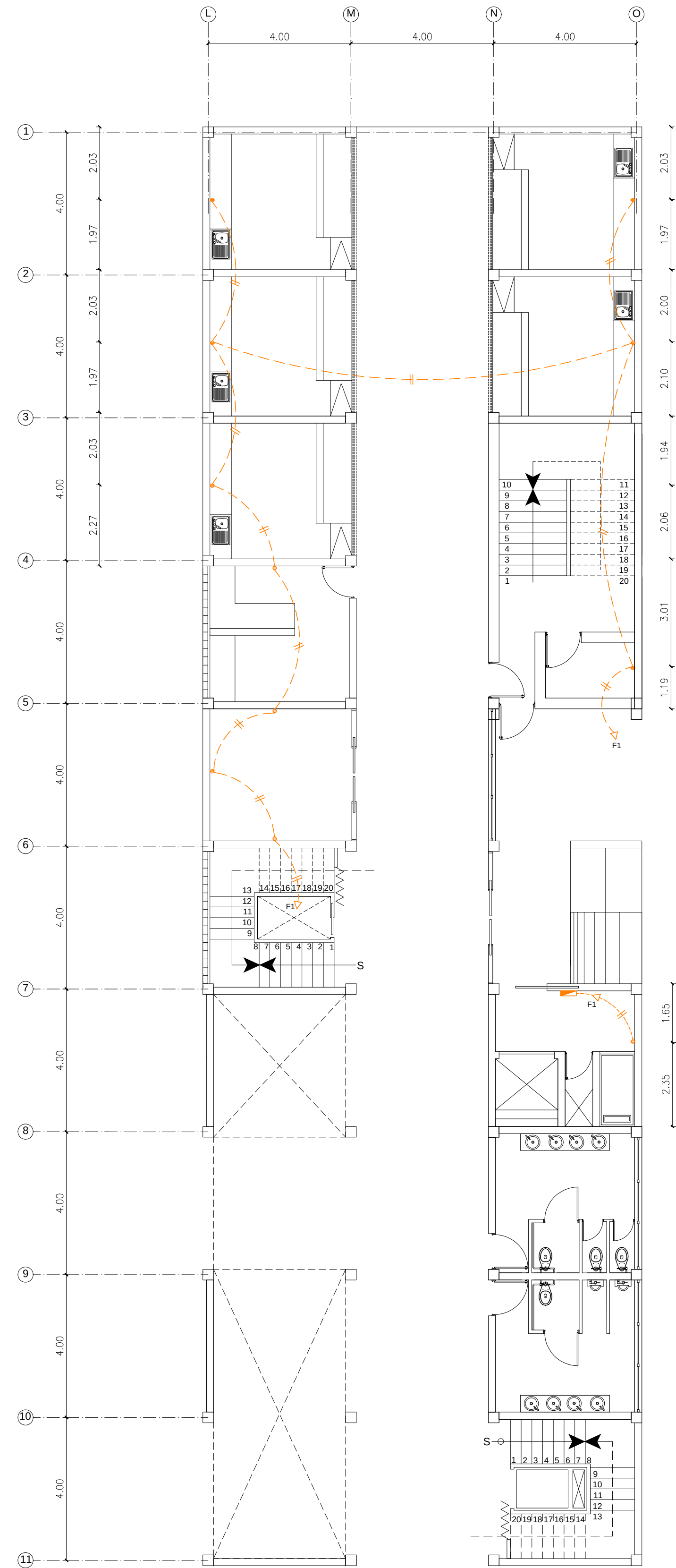
N = +0.60

INSTALACIÓN SANITARIA	
	TUBERÍA DE DESAGUE
	CAJA DE REVISIÓN
	CODO DE 50 MM
	CODO DE 100 MM
	SUMIDERO DE PISO
	REDUCCIÓN



ISOMÉTRICO

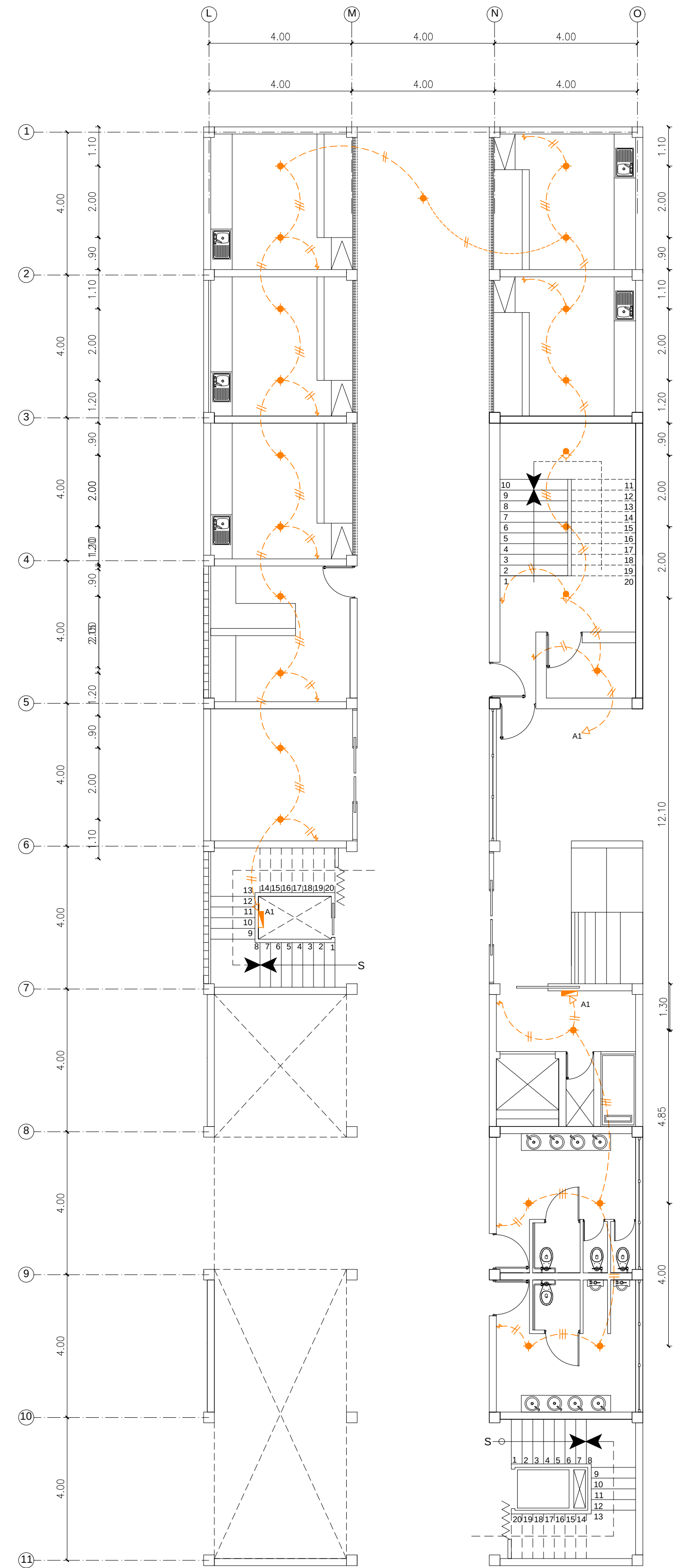




INSTALACIÓN CIRCUITO DE FUERZAS	
	TUBERÍA EMPOTRADA
	TUBERÍA EN PISO
	TOMACORRIENTE

INSTALACIÓN
CIRCUITO DE FUERZA

N ±0.60



INSTALACIÓN ELÉCTRICA	
	TUBERÍA EN LOSA
	INTERRUPTOR
	LUMINARIA
	TOMACORRIENTE

INSTALACIÓN
ELÉCTRICA

N ±0.60

