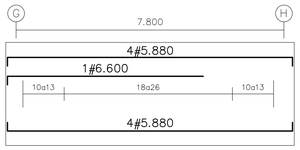
VIGAS CIMENTACION

BLOQUE B

VC–1
0.40 x 0.60
SECCIÓN 1–1
38 Estr. # 3.180



VC–2
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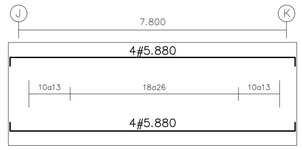
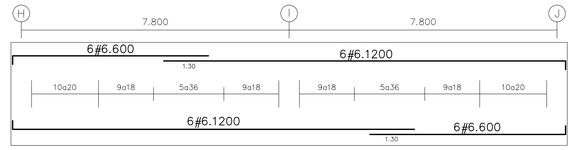
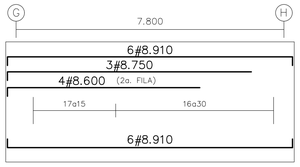
SECCIÓN 1–1
38 Estr. # 3.180



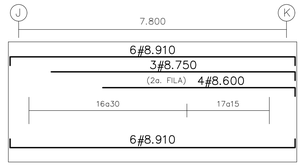
VC–3
0.50 x 0.80
SECCIÓN 4–4
66 Estr. # 3.240
66 Estr. # 3.182



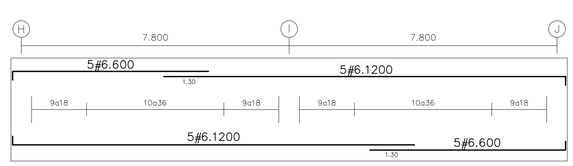
VC–4
0.60 x 1.20
SECCIÓN 7–7
33 Estr. # 3.340
33 Estr. # 3.272



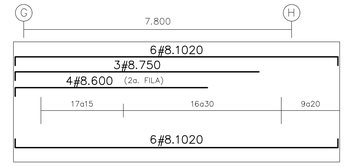
VC–5
0.60 x 1.20
SECCIÓN 7–7
33 Estr. # 3.340
33 Estr. # 3.272



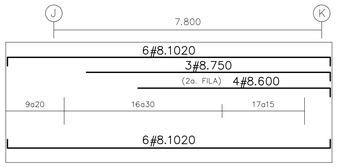
VC–6
0.50 x 0.80
SECCIÓN 4–4
56 Estr. # 3.240
56 Estr. # 3.182



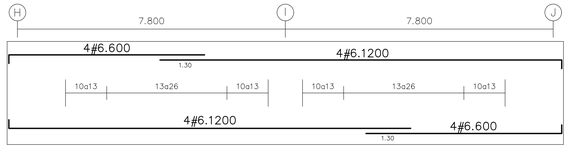
VC–7
0.60 x 1.20
SECCIÓN 7–7
42 Estr. # 3.340
42 Estr. # 3.272



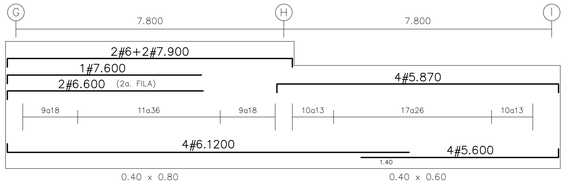
VC–8
0.60 x 1.20
SECCIÓN 7–7
42 Estr. # 3.340
42 Estr. # 3.272



VC–9
0.50 x 0.60
SECCIÓN 2–2
66 Estr. # 3.200



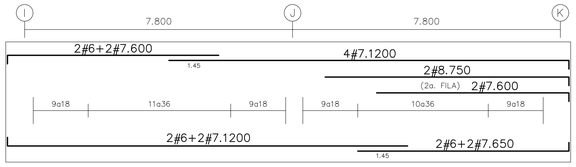
VC–10
0.40 x 0.80
SECCIÓN 3–3
29 Estr. # 3.220
29 Estr. # 3.090
0.40 x 0.60
SECCIÓN 1–1
37 Estr. # 3.180



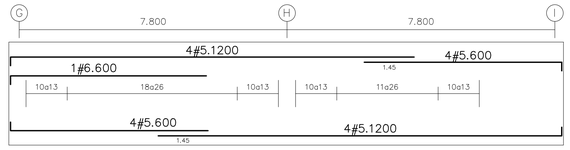
Vo.Bo. Ingeniero Geotecnista:

Ing. Alvaro Millan Angel

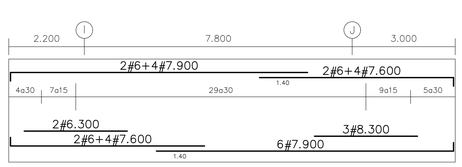
VC–11
0.50 x 0.80
SECCIÓN 4–4
57 Estr. # 3.240
57 Estr. # 3.182



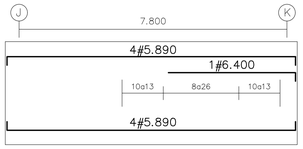
VC–12
0.40 x 0.60
SECCIÓN 1–1
69 Estr. # 3.180



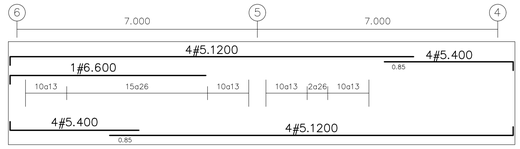
VC–13
0.60 x 1.00
SECCIÓN 6–6
54 Estr. # 3.300
54 Estr. # 3.232



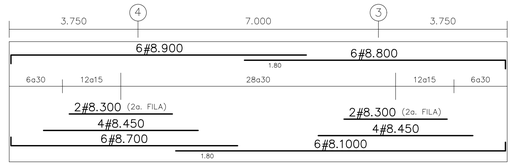
VC–14
0.40 x 0.60
SECCIÓN 1–1
28 Estr. # 3.180

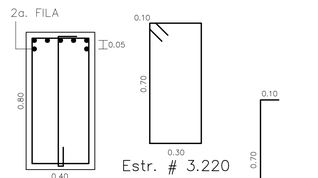


VC–15
0.40 x 0.60
SECCIÓN 1–1
57 Estr. # 3.180



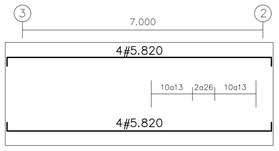
VC–16
0.80 x 1.20
SECCIÓN 8–8
64 Estr. # 3.380
128 Estr. # 3.262



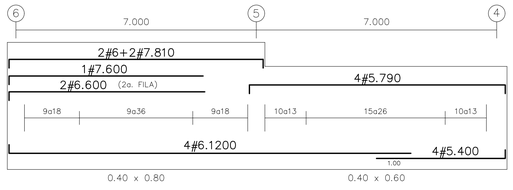


SECCIÓN 3–3
– VIGAS CIMENTACION –
ESC. 1:15

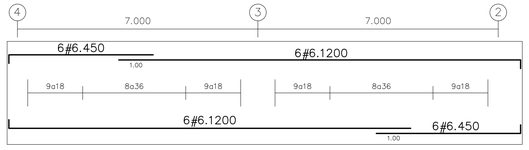
VC–17
0.40 x 0.60
SECCIÓN 1–1
22 Estr. # 3.180



VC–18
0.40 x 0.80
SECCIÓN 3–3
27 Estr. # 3.220
27 Estr. # 3.090
0.40 x 0.60
SECCIÓN 1–1
35 Estr. # 3.180

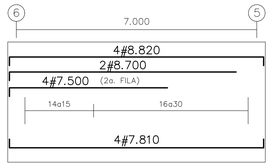


VC–19
0.50 x 0.80
SECCIÓN 4–4
52 Estr. # 3.240
52 Estr. # 3.182

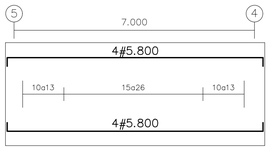


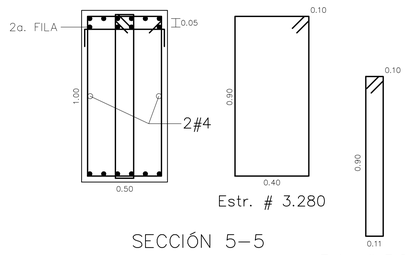
SECCIÓN 8–8
– VIGAS CIMENTACION –
ESC. 1:15

VC–20
0.50 x 1.00
SECCIÓN 5–5
30 Estr. # 3.280
30 Estr. # 3.222

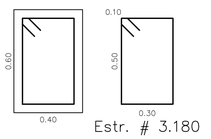


VC–21
0.40 x 0.60
SECCIÓN 1–1
35 Estr. # 3.180

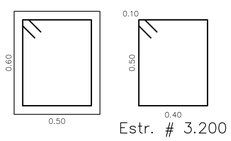




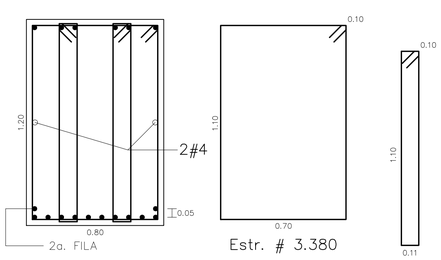
SECCIÓN 5–5
– VIGAS CIMENTACION –
ESC. 1:15



SECCIÓN 1–1
– VIGAS CIMENTACION –
ESC. 1:15

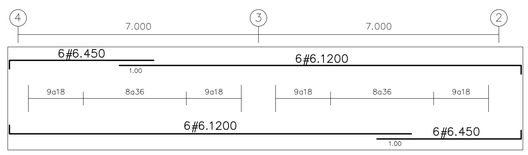


SECCIÓN 2–2
– VIGAS CIMENTACION –
ESC. 1:15

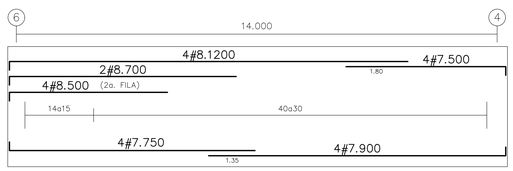


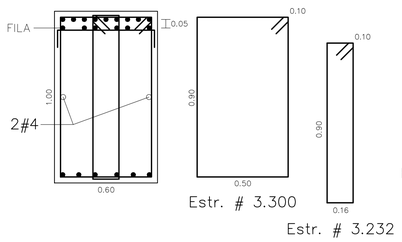
SECCIÓN 6–6
– VIGAS CIMENTACION –
ESC. 1:15

VC–22
0.50 x 0.80
SECCIÓN 4–4
52 Estr. # 3.240
52 Estr. # 3.182

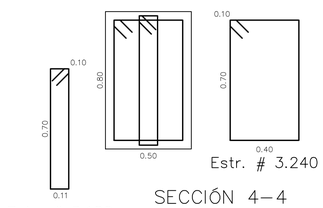


VC–23
0.50 x 1.00
SECCIÓN 5–5
54 Estr. # 3.280
54 Estr. # 3.222



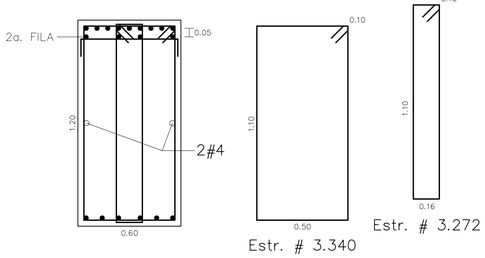


SECCIÓN 6–6
– VIGAS CIMENTACION –
ESC. 1:15



SECCIÓN 4–4
– VIGAS CIMENTACION –
ESC. 1:15

SECCIÓN 7–7
– VIGAS CIMENTACION –
ESC. 1:15



MATERIALES

Concreto de f'c = 245 kg/cm2
3500 P.S.I. – 24.5 MPa.

Acero de Refuerzo CORRUGADO
fy = 4200 kg/cm2
60000 P.S.I. – 420 MPa.

ESTRUCTURA

GRUPO DE USO III (Atencion Comunidad)

CAPACIDAD DE DISIPACION DE ENERGIA ESPECIAL – DES

Universidad Tecnológica de Pereira

RECTOR:
LUIS FERNANDO GAVIRIA TRUJILLO
CC. 10.098.659

OFICINA PLANEACION UTP:
ARQ: JULIAN ANDRES CARDENAS MORALES
ARQ: LUISA FERNANDA GARCIA RESTREPO

PROYECTO:
UNIVERSIDAD TECNOLOGICA DE PEREIRA
BLOQUE 15-B

DIRECCIÓN:
CALLE 12 CARRERA 27 LOS ÁLAMOS

CONSULTOR:
ARTURO ESCOBAR TOVAR

DISEÑO ARQUITECTONICO:
ARQ. RAMIRO ARTURO ESCOBAR TOVAR
Mat. No: A66542008-1087985644

DISEÑO ESTRUCTURAL:
T E T R A
Diseños Estructurales
Fernando Escalante Echeverri
(Ing.Civil, M.Sc, Ph.D.)
Calle 19 # 9–50 Oficina 907
Edificio DIARIO DEL OTÚN
(Pereira–Colombia)
Cel. 315 525 90 15
Email. tetra@une.net.co

Vo.Bo. Diseño Estructural:
Ing. Fernando Escalante Echeverri
Matr. No.25202–46529 Cund.

MODIFICACIONES		
No.	FECHA	MODIFICACION
1		
2		
3		
4		
5		
6		
7		

CONTIENE:
REFUERZO
VIGAS CIMENTACION

BLOQUE B

APROBACIÓN:

FECHA:	ESCALA:
Octubre / 2023	1 : 75

PLANO: 7

ESTRUCTURALES

DE: 21