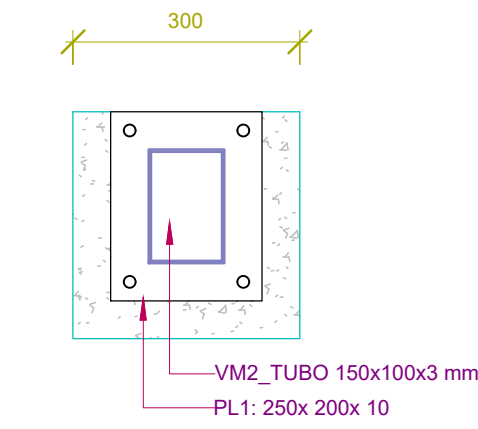
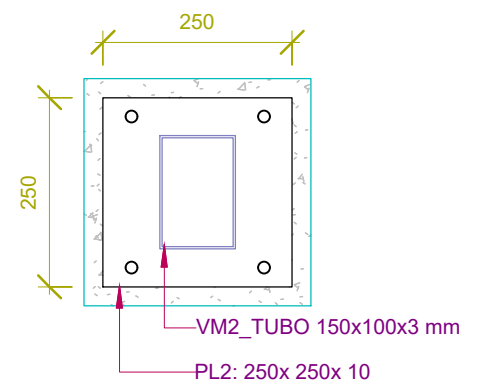


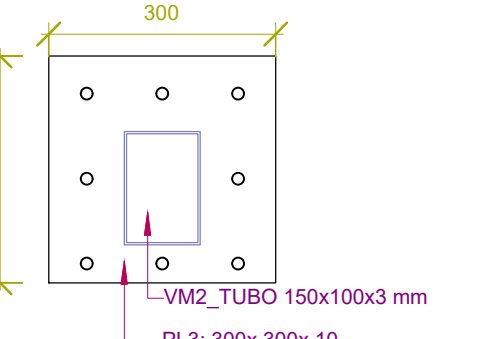
| PLANILLA DE ACERO EN VIGAS LOSA 1 | | | | | | | | | | | | | |
|-----------------------------------|------------------|-------|-------|-------|------------------------|-----------------------|-----------------------------|-----------------|---------|-------|-------|--------|--------|
| Imagen de forma | Ubicación | Tipo | Marca | Cant. | Díámetro de barra (mm) | Longitud de barra (m) | Longitud Total de Barra (m) | Peso Total (kg) | | | | | |
| LOSA 1 | ESTRIBO | MC027 | 1308 | 10 | 320 | 170 | 1.08 | 871.24 | | | | | |
| LOSA 1 | ACERO HORIZONTAL | MC028 | 51 | 10 | 420 | 170 | 1.08 | 65.28 | | | | | |
| LOSA 1 | ACERO HORIZONTAL | MC029 | 5 | 14 | 200 | 8800 | 9.98 | 49.91 | | | | | |
| LOSA 1 | ACERO HORIZONTAL | MC030 | 5 | 14 | 5522 | 84 | 597 | 54 | 192 | 6553 | 6.74 | 33.70 | 40.74 |
| LOSA 1 | ACERO HORIZONTAL | MC031 | 6 | 14 | 8471 | 57 | 597 | 49 | 192 | 7097 | 7.28 | 43.69 | 52.82 |
| LOSA 1 | ACERO HORIZONTAL | MC032 | 6 | 14 | 9249 | 58 | 60 | 50 | 192 | 8250 | 8.43 | 55.49 | 67.08 |
| LOSA 1 | ACERO HORIZONTAL | MC033 | 6 | 14 | 8180 | 58 | 60 | 50 | 192 | 8250 | 8.43 | 55.49 | 67.08 |
| LOSA 1 | ACERO HORIZONTAL | MC034 | 15 | 14 | 200 | 11800 | 11.08 | 55.49 | 179.73 | 11.08 | 55.49 | 179.73 | 217.26 |
| LOSA 1 | ACERO HORIZONTAL | MC035 | 9 | 14 | 600 | 78 | 8154 | 49 | 600 | 61 | 9.51 | 65.59 | 103.46 |
| LOSA 1 | ACERO HORIZONTAL | MC036 | 6 | 14 | 200 | 4000 | 200 | 0 | 0 | 0 | 5.38 | 25.09 | 30.33 |
| LOSA 1 | ACERO HORIZONTAL | MC037 | 10 | 14 | 200 | 5048 | 200 | 0 | 0 | 0 | 5.38 | 53.78 | 65.01 |
| LOSA 1 | ACERO HORIZONTAL | MC038 | 5 | 14 | 200 | 8466 | 200 | 0 | 0 | 0 | 8.60 | 43.98 | 53.16 |
| LOSA 1 | ACERO HORIZONTAL | MC039 | 2 | 14 | 11401 | 62 | 598 | 53 | 192 | 12032 | 12.22 | 24.44 | 29.54 |
| LOSA 1 | ACERO HORIZONTAL | MC040 | 3 | 14 | 6476 | 161 | 582 | 123 | 218 | 7162 | 7.40 | 22.20 | 26.84 |
| LOSA 1 | ACERO HORIZONTAL | MC041 | 2 | 14 | 200 | 8800 | 8.98 | 17.96 | 21.72 | | | | |
| LOSA 1 | ACERO HORIZONTAL | MC042 | 6 | 14 | 4116 | 65 | 598 | 55 | 192 | 4749 | 4.94 | 29.62 | 35.80 |
| LOSA 1 | ACERO HORIZONTAL | MC043 | 3 | 14 | 8700 | | | | | | 8.70 | 26.10 | 31.55 |
| LOSA 1 | ACERO HORIZONTAL | MC044 | 5 | 14 | 200 | 4373 | 200 | 0 | 0 | 0 | 6.70 | 33.52 | 40.52 |
| LOSA 1 | ACERO HORIZONTAL | MC045 | 10 | 14 | 200 | 2668 | 200 | 0 | 0 | 0 | 2.99 | 29.88 | 36.12 |
| LOSA 1 | ACERO HORIZONTAL | MC046 | 10 | 14 | 200 | 8698 | 200 | 0 | 0 | 0 | 9.03 | 90.28 | 109.13 |
| LOSA 1 | ACERO HORIZONTAL | MC047 | 15 | 14 | 200 | 2490 | 200 | 0 | 0 | 0 | 2.73 | 40.95 | 49.50 |
| LOSA 1 | ACERO HORIZONTAL | MC048 | 5 | 14 | 200 | 2202 | 199 | 0 | 0 | 0 | 2.53 | 12.66 | 15.30 |
| LOSA 1 | ACERO HORIZONTAL | MC049 | 8 | 14 | 200 | 5000 | | | | | 5.18 | 41.46 | 50.11 |
| LOSA 1 | ACERO HORIZONTAL | MC050 | 4 | 14 | 600 | 60 | 9297 | 43 | 805 | 41 | 10.79 | 43.17 | 52.18 |
| LOSA 1 | ACERO HORIZONTAL | MC051 | 6 | 14 | 7506 | 58 | 597 | 50 | 192 | 8133 | 8.32 | 49.91 | 60.33 |
| LOSA 1 | ACERO HORIZONTAL | MC052 | 4 | 14 | 200 | 3310 | 199 | 0 | 0 | 0 | 3.64 | 14.56 | 17.80 |
| 1515 | | | | | | | | 2576.17 | 2239.10 | | | | |



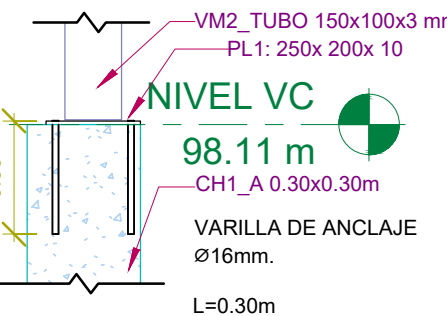
PLACA PL1
MEDIDAS EN MILIMETROS
1:10



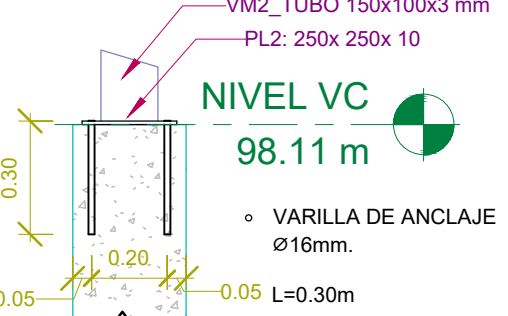
PLACA PL2
MEDIDAS EN MILIMETROS
1:10



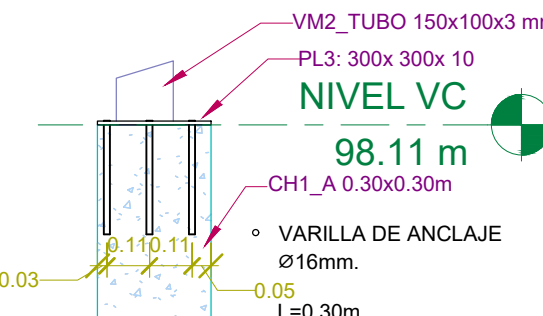
PLACA PL3
MEDIDAS EN MILIMETROS
1:10



ANCLAJE PL1
1:20

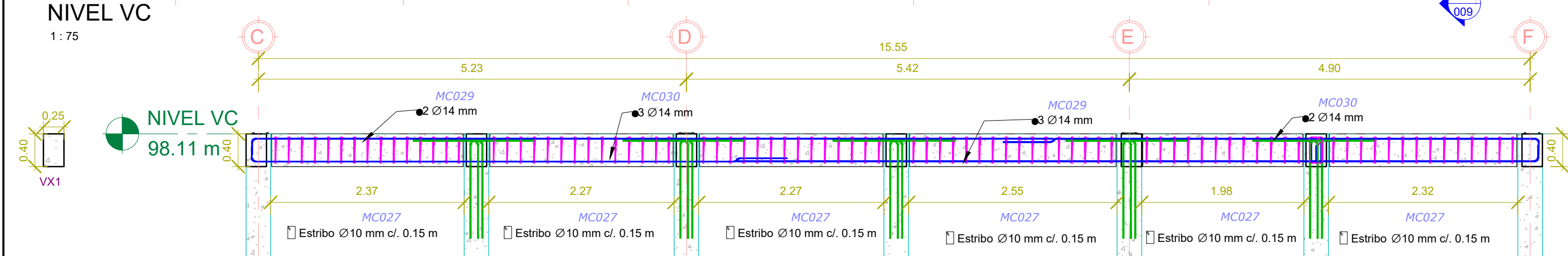
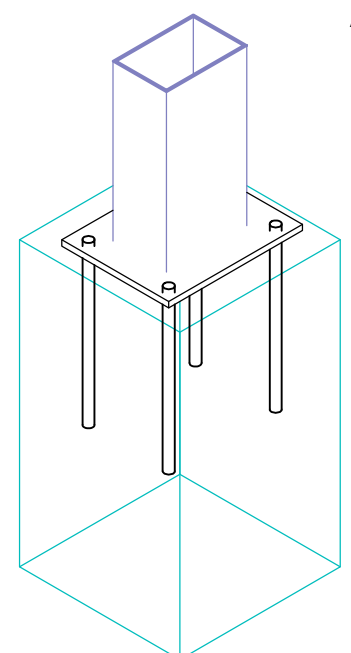


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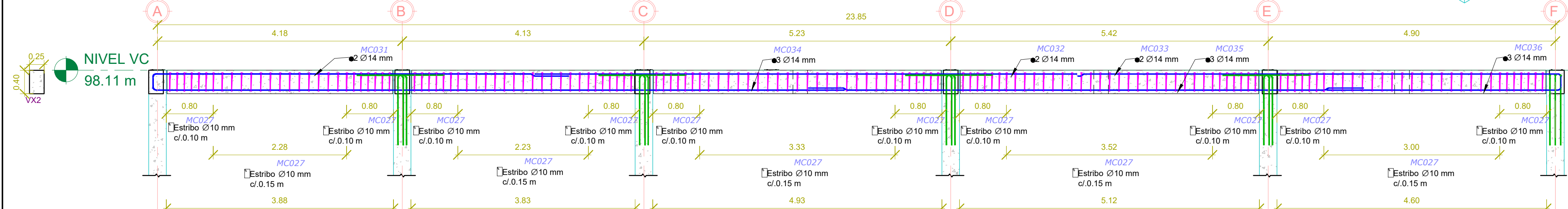


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1:20

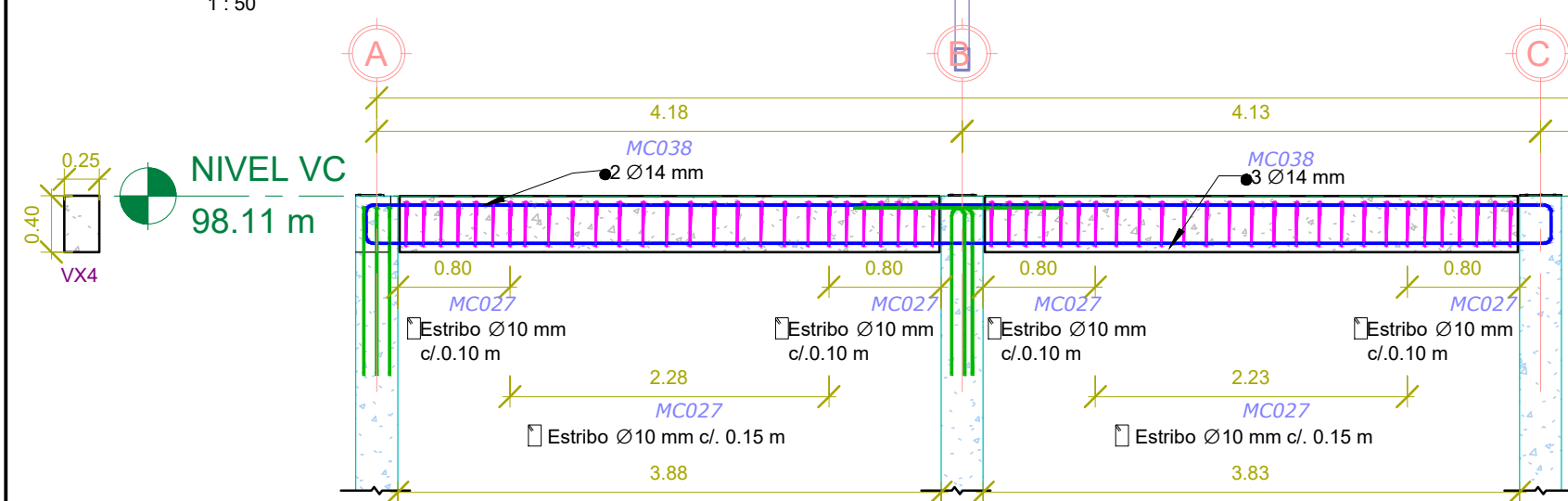
| PESO DE PLACAS | | | | | | |
|----------------|----------|--------------|---------------|-------------|-----------|------------|
| Marca | Cantidad | Anchura (mm) | Longitud (mm) | Grosor (mm) | Peso (kg) | Peso (Ton) |
| PL1 | 19 | 250 | 250 | 10 | 14.58 | 0.075 |
| PL2 | 18 | 250 | 250 | 10 | 88.31 | 0.088 |
| PL3 | 5 | 300 | 300 | 10 | 35.33 | 0.035 |
| 42 | 42 | | | | 198.21 | 0.198 |



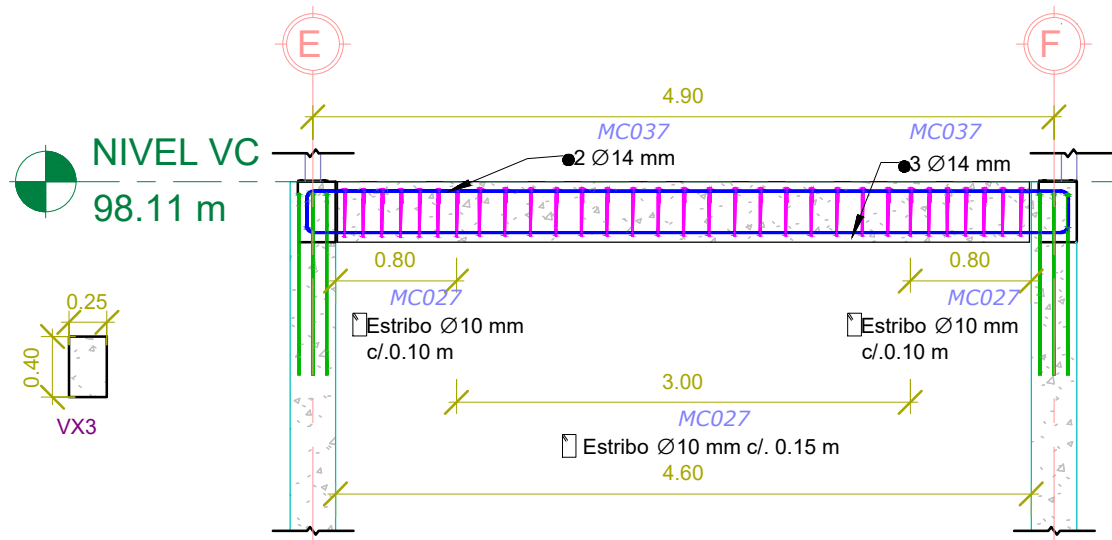
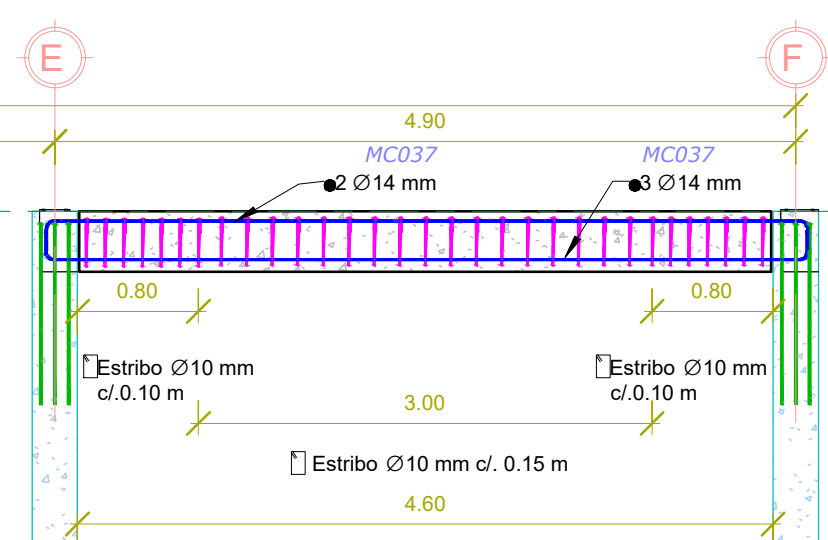
ALZADO VIGA VX1
1:50



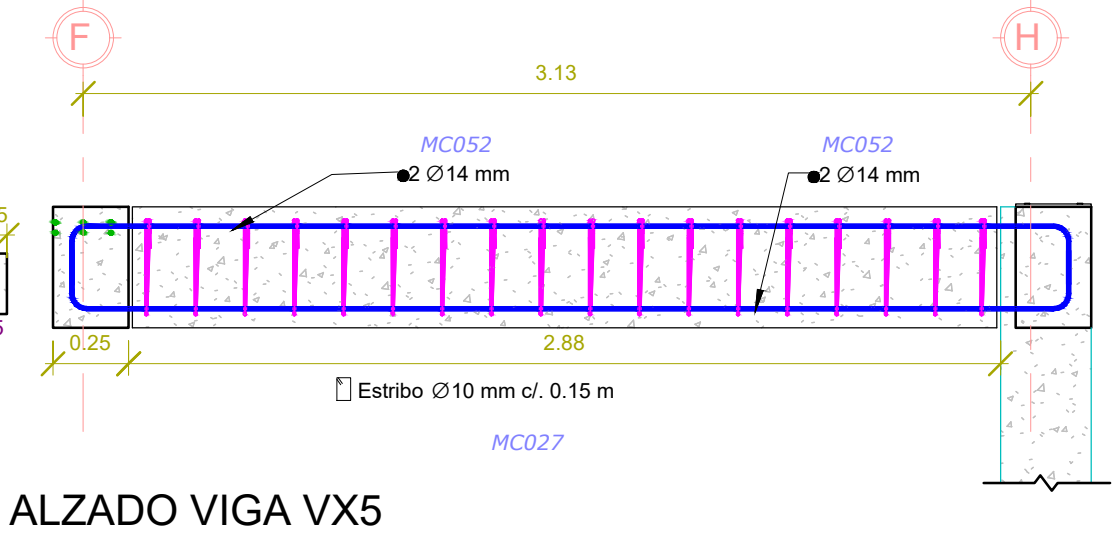
ALZADO VIGA VX2
1:50



ALZADO VIGA VX4
1:50



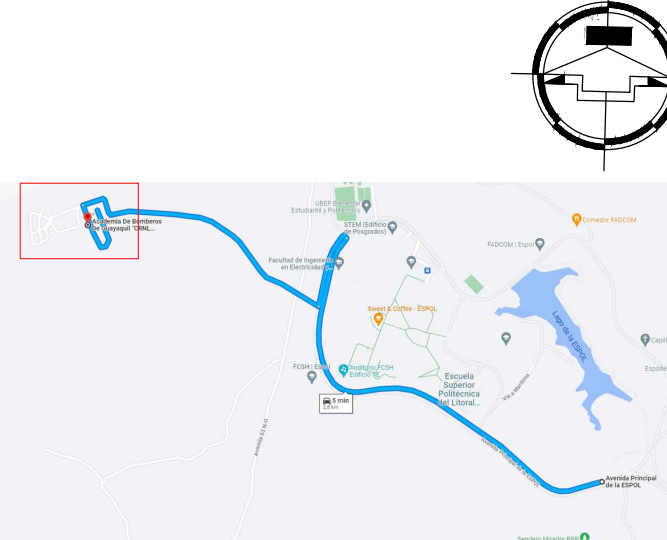
ALZADO VIGA VX3
1:50



ALZADO VIGA VX5
1:25



UBICACIÓN



Arq. Jairo Parrales Parrales
Administrador del contrato

CONSULTORÍA: "CONTRATACIÓN
DE ESTUDIOS PREVIOS PARA LA
AMPLIACIÓN DE LA ACADEMIA DE
BOMBEROS GUAYAQUIL CRNL.
GABRIEL GÓMEZ SÁNCHEZ"

Ubicación:
Cantón Guayaquil.

Contiene:
**B-04_AULAS
NIVEL VC**

Empresa Consultora:

Arq. Jacques Carchi G.
Reg. Prof.: G-5291

Responsable de Diseño:

Ing. Walter James Flores Zambrano
Reg. Prof.: 1021-2017-1845803

Fecha:
MARZO

Escala:
Como se indica

Código:
E

Lámina:
005