# VIGAS DE CIMENTACION
# N-0.05
# RESUMEN PEDIDO COMPLETO



## RESUMEN DE PESOS BARRAS FIGURADAS

| REFERENCIA | DIAMETRO | LONGITUD (m) | PESO (Kg) |
|---|---|---|---|
| 17026 | #5 | 898.57 | 1,401.77 |
| 17027 | #6 | 1,809.14 | 4,070.57 |
| 17028 | #7 | 1,266.80 | 3,876.41 |
| 17029 | #8 | 723.10 | 2,892.40 |
| | TOTAL BARRAS FIGURADAS | | 12,241.14 |

## RESUMEN DE PESOS BARRAS ESTANDAR

| REFERENCIA | DIAMETRO | LONGITUD (m) | CANTIDAD | PESO (Kg) |
|---|---|---|---|---|
| 17932 | #5 | 6.00 | 4.0 | 37.44 |
| 17924 | #5 | 9.00 | 5.0 | 70.20 |
| 17925 | #6 | 9.00 | 17.0 | 344.25 |
| | | | TOTAL ESTANDAR | 451.90 |

**PESO TOTAL DEL PEDIDO = 12,693.04 Kg**

# VIGAS DE CIMENTACION
# N-0.05
# ELEMENTO POR ELEMENTO



VC-101 (Es 1) Peso/Elemento= 167.33Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.30 / 3.70 | 2 | #6 | 4.00 | 18.0 | |
| 8.10 | 2 | #6 | 8.10 | 36.5 | |
| 0.30 / 4.40 | 2 | #6 | 4.70 | 21.1 | |
| 0.30 / 8.90 | 2 | #6 | 9.20 | 41.4 | |
| 0.35 / 6.65 | 2 | #7 | 7.00 | 42.8 | |
| 4.80 | 1 | #5 | 4.80 | 7.5 | |

VC-102 (Es 1) Peso/Elemento= 208.52Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.30 / 4.70 | 2 | #6 | 5.00 | 22.5 | |
| 9.00 | 2 | #6 | 9.00 | 40.5 | |
| 0.30 / 4.90 | 2 | #6 | 5.20 | 23.4 | |
| 0.40 / 6.50 | 2 | #8 | 6.90 | 55.2 | |
| 6.20 | 2 | #6 | 6.20 | 27.9 | |
| 0.30 / 6.50 | 2 | #6 | 6.80 | 30.6 | |
| 5.40 | 1 | #5 | 5.40 | 8.4 | |

VC-102A (Es 1) Peso/Elemento= 38.70Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.30 / 3.70 / 0.30 | 2 | #6 | 4.30 | 19.4 | |
| 0.30 / 3.70 / 0.30 | 2 | #6 | 4.30 | 19.4 | |

VC-103 (Es 1) Peso/Elemento= 2388.30Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|

# VIGAS DE CIMENTACION
# N-0.05
# ELEMENTO POR ELEMENTO



| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.30 / 10.50 | 5 | #6 | 10.80 | 121.5 | |
| 9.50 | 5 | #6 | 9.50 | 106.9 | |
| 9.20 | 5 | #7 | 9.20 | 140.8 | |
| 10.00 | 5 | #8 | 10.00 | 200.0 | |
| 9.50 | 5 | #7 | 9.50 | 145.3 | |
| 10.20 | 5 | #8 | 10.20 | 204.0 | |
| 0.25 / 5.00 | 5 | #5 | 5.25 | 40.9 | |
| 9.10 | 5 | #5 | 9.10 | 71.0 | |
| 9.80 | 5 | #8 | 9.80 | 196.0 | |
| 0.25 / 4.25 | 5 | #5 | 4.50 | 35.1 | |
| 0.25 / 10.65 | 5 | #5 | 10.90 | 85.0 | |
| 0.25 / 8.75 | 5 | #5 | 9.00 | 70.2 | |
| 9.40 | 5 | #6 | 9.40 | 105.7 | |
| 8.50 | 5 | #5 | 8.50 | 66.3 | |
| 9.20 | 5 | #5 | 9.20 | 71.8 | |
| 9.00 | 5 | #5 | 9.00 | 70.2 | |
| 9.70 | 5 | #7 | 9.70 | 148.4 | |
| 9.70 | 5 | #6 | 9.70 | 109.1 | |
| 9.30 | 5 | #7 | 9.30 | 142.3 | |
| 0.35 / 4.65 | 5 | #7 | 5.00 | 76.5 | |
| 5.10 | 4 | #6 | 5.10 | 45.9 | |
| 5.50 | 3 | #5 | 5.50 | 25.7 | |
| 6.00 | 4 | #5 | 6.00 | 37.4 | |
| 9.25 | 5 | #5 | 9.25 | 72.1 | |

VC-104 (Es 1) Peso/Elemento= 956.26Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|

# VIGAS DE CIMENTACION
# N-0.05
# ELEMENTO POR ELEMENTO



| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.30 / 10.30 | 2 | #6 | 10.60 | 47.7 | |
| 9.40 | 2 | #6 | 9.40 | 42.3 | |
| 9.90 | 2 | #7 | 9.90 | 60.6 | |
| 9.50 | 2 | #8 | 9.50 | 76.0 | |
| 9.60 | 2 | #7 | 9.60 | 58.8 | |
| 9.40 | 2 | #7 | 9.40 | 57.5 | |
| 9.50 | 2 | #7 | 9.50 | 58.1 | |
| 0.30 / 11.00 | 2 | #6 | 11.30 | 50.9 | |
| 0.30 / 8.80 | 2 | #6 | 9.10 | 41.0 | |
| 9.10 | 2 | #6 | 9.10 | 41.0 | |
| 9.25 | 2 | #6 | 9.25 | 41.6 | |
| 9.10 | 2 | #6 | 9.10 | 41.0 | |
| 9.10 | 2 | #6 | 9.10 | 41.0 | |
| 9.10 | 2 | #6 | 9.10 | 41.0 | |
| 8.90 | 2 | #6 | 8.90 | 40.0 | |
| 9.00 | 2 | #6 | 9.00 | 40.5 | |
| 0.30 / 4.60 | 2 | #6 | 4.90 | 22.1 | |
| 4.90 | 2 | #7 | 4.90 | 30.0 | |
| 5.50 | 2 | #6 | 5.50 | 24.8 | |
| 5.40 | 1 | #8 | 5.40 | 21.6 | |
| 5.30 | 1 | #6 | 5.30 | 11.9 | |
| 5.60 | 1 | #6 | 5.60 | 12.6 | |
| 5.70 | 1 | #7 | 5.70 | 17.4 | |
| 5.50 | 3 | #6 | 5.50 | 37.1 | |

VC-104A (Es 1) Peso/Elemento= 1002.82Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|

# VIGAS DE CIMENTACION
# N-0.05
# ELEMENTO POR ELEMENTO



| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.30 / 10.30 | 2 | #6 | 10.60 | 47.7 | |
| 9.40 | 2 | #6 | 9.40 | 42.3 | |
| 9.70 | 2 | #7 | 9.70 | 59.4 | |
| 9.60 | 2 | #6 | 9.60 | 43.2 | |
| 9.60 | 2 | #7 | 9.60 | 58.8 | |
| 5.60 | 1 | #5 | 5.60 | 8.7 | |
| 9.10 | 2 | #7 | 9.10 | 55.7 | |
| 10.10 | 2 | #6 | 10.10 | 45.5 | |
| 0.40 / 10.60 | 2 | #8 | 11.00 | 88.0 | |
| 0.30 / 8.80 | 2 | #6 | 9.10 | 41.0 | |
| 9.10 | 2 | #6 | 9.10 | 41.0 | |
| 9.30 | 2 | #6 | 9.30 | 41.9 | |
| 9.90 | 2 | #7 | 9.90 | 60.6 | |
| 9.50 | 2 | #8 | 9.50 | 76.0 | |
| 9.50 | 2 | #6 | 9.50 | 42.8 | |
| 9.50 | 2 | #6 | 9.50 | 42.8 | |
| 9.50 | 2 | #8 | 9.50 | 76.0 | |
| 0.30 / 4.70 | 2 | #6 | 5.00 | 22.5 | |
| 4.90 | 1 | #8 | 4.90 | 19.6 | |
| 5.40 | 1 | #8 | 5.40 | 21.6 | |
| 5.30 | 1 | #7 | 5.30 | 16.2 | |
| 5.70 | 1 | #8 | 5.70 | 22.8 | |
| 0.35 / 9.15 | 1 | #7 | 9.50 | 29.1 | |

VC-105 (Es 1) Peso/Elemento= 2094.70Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|

# VIGAS DE CIMENTACION
# N-0.05
# ELEMENTO POR ELEMENTO



| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.35 / 10.90 | 4 | #7 | 11.25 | 137.7 | |
| 9.80 | 4 | #7 | 9.80 | 120.0 | |
| 9.70 | 4 | #7 | 9.70 | 118.7 | |
| 9.40 | 4 | #8 | 9.40 | 150.4 | |
| 9.70 | 4 | #8 | 9.70 | 155.2 | |
| 9.70 | 4 | #8 | 9.70 | 155.2 | |
| 9.80 | 4 | #7 | 9.80 | 120.0 | |
| 0.40 / 11.05 | 4 | #8 | 11.45 | 183.2 | |
| 0.25 / 8.95 | 4 | #5 | 9.20 | 57.4 | |
| 9.55 | 4 | #7 | 9.55 | 116.9 | |
| 9.50 | 4 | #7 | 9.50 | 116.3 | |
| 9.20 | 4 | #7 | 9.20 | 112.6 | |
| 9.50 | 4 | #6 | 9.50 | 85.5 | |
| 8.90 | 4 | #6 | 8.90 | 80.1 | |
| 9.30 | 4 | #6 | 9.30 | 83.7 | |
| 9.10 | 4 | #5 | 9.10 | 56.8 | |
| 0.35 / 4.95 | 4 | #7 | 5.30 | 64.9 | |
| 5.00 | 3 | #7 | 5.00 | 45.9 | |
| 5.40 | 1 | #8 | 5.40 | 21.6 | |
| 5.40 | 3 | #6 | 5.40 | 36.5 | |
| 5.40 | 1 | #7 | 5.40 | 16.5 | |
| 5.40 | 1 | #5 | 5.40 | 8.4 | |
| 5.50 | 1 | #5 | 5.50 | 8.6 | |
| 4.75 | 4 | #6 | 4.75 | 42.8 | |

VC-105A (Es 1) Peso/Elemento= 2047.53Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|

# VIGAS DE CIMENTACION
# N-0.05
# ELEMENTO POR ELEMENTO



| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.35 / 10.75 | 4 | #7 | 11.10 | 135.9 | |
| 9.60 | 4 | #7 | 9.60 | 117.5 | |
| 9.50 | 4 | #7 | 9.50 | 116.3 | |
| 9.60 | 4 | #7 | 9.60 | 117.5 | |
| 9.70 | 4 | #8 | 9.70 | 155.2 | |
| 9.50 | 4 | #8 | 9.50 | 152.0 | |
| 10.35 | 4 | #6 | 10.35 | 93.2 | |
| 0.25 / 4.95 | 4 | #5 | 5.20 | 32.4 | |
| 0.30 / 10.55 | 4 | #6 | 10.85 | 97.7 | |
| 0.40 / 10.50 | 4 | #8 | 10.90 | 174.4 | |
| 0.25 / 8.85 | 4 | #5 | 9.10 | 56.8 | |
| 9.10 | 4 | #6 | 9.10 | 81.9 | |
| 9.20 | 4 | #6 | 9.20 | 82.8 | |
| 9.20 | 4 | #6 | 9.20 | 82.8 | |
| 9.40 | 4 | #7 | 9.40 | 115.1 | |
| 9.10 | 4 | #6 | 9.10 | 81.9 | |
| 9.50 | 4 | #6 | 9.50 | 85.5 | |
| 9.00 | 4 | #6 | 9.00 | 81.0 | |
| 0.35 / 4.80 | 4 | #7 | 5.15 | 63.0 | |
| 5.00 | 3 | #7 | 5.00 | 45.9 | |
| 5.40 | 1 | #8 | 5.40 | 21.6 | |
| 5.40 | 3 | #6 | 5.40 | 36.5 | |
| 5.40 | 1 | #5 | 5.40 | 8.4 | |
| 5.50 | 1 | #6 | 5.50 | 12.4 | |

VC-106 (Es 1) Peso/Elemento= 2748.27Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|

# VIGAS DE CIMENTACION
# N-0.05
# ELEMENTO POR ELEMENTO



| | | | | | |
|---|---|---|---|---|---|
| 0.30 10.50 | 5 | #6 | 10.80 | 121.5 | |
| 9.10 | 5 | #6 | 9.10 | 102.4 | |
| 9.80 | 5 | #6 | 9.80 | 110.3 | |
| 0.25 5.10 | 5 | #5 | 5.35 | 41.7 | |
| 8.70 | 4 | #5 | 8.70 | 54.3 | |
| 9.20 | 5 | #5 | 9.20 | 71.8 | |
| 9.10 | 5 | #6 | 9.10 | 102.4 | |
| 9.00 | 5 | #6 | 9.00 | 101.3 | |
| 8.80 | 5 | #5 | 8.80 | 68.6 | |
| 9.40 | 5 | #5 | 9.40 | 73.3 | |
| 9.10 | 5 | #6 | 9.10 | 102.4 | |
| 10.30 | 5 | #7 | 10.30 | 157.6 | |
| 0.30 4.50 | 5 | #6 | 4.80 | 54.0 | |
| 0.40 10.30 | 5 | #8 | 10.70 | 214.0 | |
| 0.25 8.75 | 5 | #5 | 9.00 | 70.2 | |
| 9.20 | 5 | #5 | 9.20 | 71.8 | |
| 9.30 | 5 | #6 | 9.30 | 104.6 | |
| 9.60 | 5 | #8 | 9.60 | 192.0 | |
| 9.60 | 5 | #7 | 9.60 | 146.9 | |
| 9.50 | 5 | #6 | 9.50 | 106.9 | |
| 9.80 | 5 | #7 | 9.80 | 149.9 | |
| 9.40 | 4 | #8 | 9.40 | 150.4 | |
| 0.30 4.85 | 4 | #6 | 5.15 | 46.4 | |
| 5.00 | 3 | #5 | 5.00 | 23.4 | |
| 5.40 | 1 | #7 | 5.40 | 16.5 | |
| 5.40 | 4 | #5 | 5.40 | 33.7 | |

# VIGAS DE CIMENTACION
# N-0.05
# ELEMENTO POR ELEMENTO



| | | | | | |
|---|---|---|---|---|---|
| 7.80 | 4 | #7 | 7.80 | 95.5 | |
| 7.80 | 3 | #6 | 7.80 | 52.7 | |
| 8.70 | 4 | #6 | 8.70 | 78.3 | |
| 5.00 | 3 | #6 | 5.00 | 33.8 | |

VC-107 (Es 1) Peso/Elemento= 49.59Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.30 4.91 0.30 | 2 | #6 | 5.51 | 24.8 | |
| 0.30 4.91 0.30 | 2 | #6 | 5.51 | 24.8 | |

VC-108 (Es 1) Peso/Elemento= 101.28Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.25 4.91 0.25 | 6 | #5 | 5.41 | 50.6 | |
| 0.25 4.91 0.25 | 6 | #5 | 5.41 | 50.6 | |

VC-109 (Es 1) Peso/Elemento= 889.73Kg

| DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESO | NOTAS |
|---|---|---|---|---|---|
| 0.30 4.80 | 2 | #6 | 5.10 | 22.9 | |
| 9.70 | 2 | #7 | 9.70 | 59.4 | |
| 9.50 | 2 | #7 | 9.50 | 58.1 | |
| 9.60 | 2 | #7 | 9.60 | 58.8 | |
| 9.50 | 2 | #7 | 9.50 | 58.1 | |
| 9.60 | 2 | #7 | 9.60 | 58.8 | |
| 9.40 | 2 | #6 | 9.40 | 42.3 | |
| 8.80 | 2 | #8 | 8.80 | 70.4 | |
| 0.35 4.15 | 2 | #7 | 4.50 | 27.5 | |
| 0.30 6.20 | 2 | #6 | 6.50 | 29.3 | |

# VIGAS DE CIMENTACION
# N-0.05
# ELEMENTO POR ELEMENTO



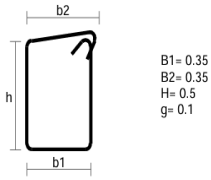
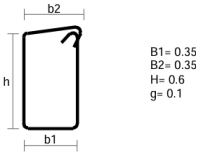
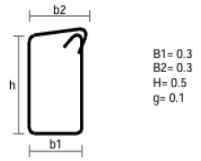
| | | | | | |
|---|---|---|---|---|---|
| 9.20 | 2 | #6 | 9.20 | 41.4 | |
| 9.10 | 2 | #6 | 9.10 | 41.0 | |
| 9.20 | 2 | #6 | 9.20 | 41.4 | |
| 9.00 | 2 | #6 | 9.00 | 40.5 | |
| 9.30 | 2 | #6 | 9.30 | 41.9 | |
| 9.00 | 2 | #6 | 9.00 | 40.5 | |
| 0.30 9.10 | 2 | #6 | 9.40 | 42.3 | |
| 5.50 | 1 | #7 | 5.50 | 16.8 | |
| 5.50 | 1 | #7 | 5.50 | 16.8 | |
| 5.50 | 1 | #6 | 5.50 | 12.4 | |
| 5.50 | 1 | #6 | 5.50 | 12.4 | |
| 5.50 | 1 | #7 | 5.50 | 16.8 | |
| 5.00 | 2 | #8 | 5.00 | 40.0 | |

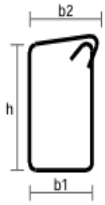
| VIGAS TRANSVERSALES | | | | | | | |
|---|---|---|---|---|---|---|---|
| **VIGA** | **CANTIDAD** | **DIAMETRO** | **LONGITUD** | **ML** | **KG/ML** | **KG** | **KG** |
| VC-112 | 4 | #7 | 4.5 | 18 | 3.06 | 55.08 | 882.15 |
| | 4 | #8 | 6 | 24 | 4 | 96 | |
| | 4 | #8 | 9 | 36 | 4 | 144 | |
| | 12 | #7 | 6 | 72 | 3.06 | 220.32 | |
| | 4 | #6 | 4 | 16 | 2.25 | 36 | |
| | 20 | #6 | 6 | 120 | 2.25 | 270 | |
| | 3 | #6 | 9 | 27 | 2.25 | 60.75 | |
| VC-114 | 8 | #7 | 9 | 72 | 3.06 | 220.32 | 590.67 |
| | 4 | #7 | 6 | 24 | 3.06 | 73.44 | |
| | 4 | #6 | 3 | 12 | 2.25 | 27 | |
| | 4 | #7 | 9 | 36 | 3.06 | 110.16 | |
| | 4 | #6 | 6 | 24 | 2.25 | 54 | |
| | 4 | #6 | 9 | 36 | 2.25 | 81 | |
| | 4 | #6 | 2 | 8 | 2.25 | 18 | |
| | 1 | #6 | 2 | 3 | 2.25 | 6.75 | |
| VC-116 | 8 | #7 | 9 | 72 | 3.06 | 220.32 | 427.32 |
| | 4 | #6 | 9 | 36 | 2.25 | 81 | |
| | 4 | #6 | 6 | 24 | 2.25 | 54 | |
| | 4 | #8 | 4.5 | 18 | 4 | 72 | |
| VC-123 | 4 | #7 | 9 | 36 | 3.06 | 110.16 | 797.1 |
| | 4 | #6 | 6 | 24 | 2.25 | 54 | |
| | 4 | #6 | 9 | 36 | 2.25 | 81 | |
| | 4 | #6 | 2 | 8 | 2.25 | 18 | |
| | 4 | #5 | 3 | 12 | 1.56 | 18.72 | |
| | 4 | #6 | 9 | 36 | 2.25 | 81 | |
| | 5 | #7 | 9 | 45 | 3.06 | 137.7 | |
| | 5 | #6 | 6 | 30 | 2.25 | 67.5 | |
| | 5 | #6 | 9 | 45 | 2.25 | 101.25 | |
| | 5 | #6 | 9 | 45 | 2.25 | 101.25 | |
| | 5 | #5 | 3.4 | 17 | 1.56 | 26.52 | |
| VC-117 | 4 | #7 | 9 | 36 | 3.06 | 110.16 | 621.24 |
| | 4 | #8 | 6 | 24 | 4 | 96 | |
| | 4 | #8 | 9 | 36 | 4 | 144 | |
| | 4 | #6 | 3 | 12 | 2.25 | 27 | |
| | 4 | #5 | 4.5 | 18 | 1.56 | 28.08 | |
| | 4 | #6 | 9 | 36 | 2.25 | 81 | |
| | 4 | #6 | 6 | 24 | 2.25 | 54 | |
| | 4 | #6 | 9 | 36 | 2.25 | 81 | |

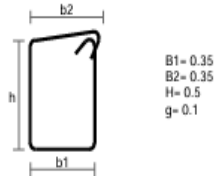
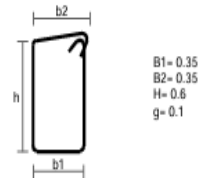
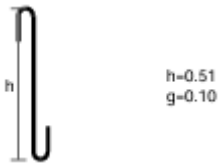
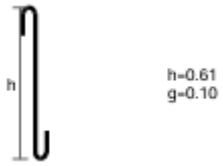
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| VC-119 | 4 | #7 | 9 | 36 | 3.06 | 110.16 | 828.82 |
| | 4 | #8 | 7.6 | 30.4 | 4 | 121.6 | |
| | 8 | #8 | 9 | 72 | 4 | 288 | |
| | 4 | #8 | 4.5 | 18 | 4 | 72 | |
| | 8 | #6 | 9 | 72 | 2.25 | 162 | |
| | 4 | #6 | 6 | 24 | 2.25 | 54 | |
| | 3 | #5 | 4.5 | 13.5 | 1.56 | 21.06 | |
| VC-117A | 4 | #5 | 4.5 | 18 | 1.56 | 28.08 | 661.74 |
| | 4 | #7 | 9 | 36 | 3.06 | 110.16 | |
| | 4 | #8 | 6 | 24 | 4 | 96 | |
| | 4 | #8 | 9 | 36 | 4 | 144 | |
| | 4 | #6 | 3 | 12 | 2.25 | 27 | |
| | 4 | #6 | 4.5 | 18 | 2.25 | 40.5 | |
| | 8 | #6 | 9 | 72 | 2.25 | 162 | |
| | 4 | #6 | 6 | 24 | 2.25 | 54 | |
| VC-121 | 12 | #8 | 9 | 108 | 4 | 432 | 1098.8 |
| | 4 | #8 | 7.7 | 30.8 | 4 | 123.2 | |
| | 4 | #8 | 4.5 | 18 | 4 | 72 | |
| | 4 | #7 | 9 | 36 | 3.06 | 110.16 | |
| | 4 | #7 | 6 | 24 | 3.06 | 73.44 | |
| | 4 | #6 | 9 | 36 | 2.25 | 81 | |
| | 4 | #6 | 7 | 28 | 2.25 | 63 | |
| | 4 | #8 | 9 | 36 | 4 | 144 | |
| VC-122 | 4 | #5 | 9 | 36 | 1.56 | 56.16 | 255.25 |
| | 1 | #5 | 3.7 | 3.7 | 1.56 | 5.77 | |
| | 4 | #5 | 9 | 36 | 1.56 | 56.16 | |
| | 4 | #6 | 9 | 36 | 2.25 | 81 | |
| | 4 | #5 | 9 | 36 | 1.56 | 56.16 | |
| VC-110 | 2 | #6 | 9 | 18 | 2.25 | 40.5 | 113.85 |
| | 2 | #6 | 8.1 | 16.2 | 2.25 | 36.45 | |
| | 2 | #6 | 4.5 | 9 | 2.25 | 20.25 | |
| | 2 | #6 | 3.7 | 7.4 | 2.25 | 16.65 | |
| VC-111 | 2 | #6 | 4.5 | 9 | 2.25 | 20.25 | 121.5 |
| | 2 | #6 | 4.5 | 9 | 2.25 | 20.25 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| VC-113 | 2 | #6 | 9 | 18 | 2.25 | 40.5 | 229.72 |
| | 2 | #6 | 6 | 12 | 2.25 | 27 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 1 | #5 | 3.6 | 3.6 | 1.56 | 5.62 | |
| | 1 | #6 | 3.6 | 3.6 | 2.25 | 8.1 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
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| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |

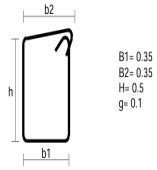
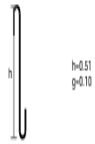
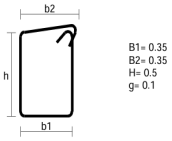
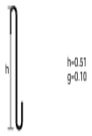
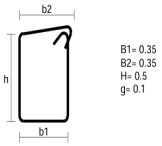
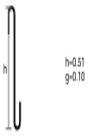
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|---|---|---|---|---|---|---|---|
| VC-115 | 2 | #6 | 9 | 18 | 2.25 | 40.5 | 176.58 |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 2 | #7 | 9 | 18 | 3.06 | 55.08 | |
| VC-115A | 2 | #6 | 9 | 18 | 2.25 | 40.5 | 195.85 |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 1 | #5 | 3.7 | 3.7 | 1.56 | 5.77 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 2 | #7 | 9 | 18 | 3.06 | 55.08 | |
| | 1 | #6 | 6 | 6 | 2.25 | 13.5 | |
| VC-115B | 2 | #7 | 4.5 | 9 | 3.06 | 27.54 | 221.59 |
| | 2 | #6 | 6 | 12 | 2.25 | 27 | |
| | 2 | #7 | 4.5 | 9 | 3.06 | 27.54 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 1 | #5 | 2.2 | 2.2 | 1.56 | 3.43 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 2 | #7 | 9 | 18 | 3.06 | 55.08 | |
| VC-118 | 2 | #6 | 9 | 18 | 2.25 | 40.5 | 233.25 |
| | 2 | #6 | 6 | 12 | 2.25 | 27 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 1 | #5 | 3.6 | 3.6 | 1.56 | 5.62 | |
| | 1 | #7 | 3.8 | 3.8 | 3.06 | 11.63 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 2 | #6 | 6 | 12 | 2.25 | 27 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| VC-118A | 2 | #6 | 9 | 18 | 2.25 | 40.5 | 247.13 |
| | 2 | #6 | 6 | 12 | 2.25 | 27 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 2 | #6 | 6.5 | 13 | 2.25 | 29.25 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 1 | #5 | 3.6 | 3.6 | 1.56 | 5.62 | |
| | 2 | #7 | 3.8 | 7.6 | 3.06 | 23.26 | |
| VC-120 | 2 | #7 | 9 | 18 | 3.06 | 55.08 | 249.11 |
| | 2 | #7 | 7.15 | 14.3 | 3.06 | 43.76 | |
| | 2 | #6 | 3 | 6 | 2.25 | 13.5 | |
| | 3 | #6 | 4.25 | 12.75 | 2.25 | 28.69 | |
| | 1 | #5 | 3.5 | 3.5 | 1.56 | 5.46 | |
| | 1 | #7 | 2.3 | 2.3 | 3.06 | 7.04 | |
| | 2 | #7 | 9 | 18 | 3.06 | 55.08 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |

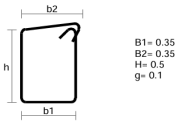
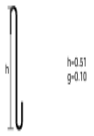
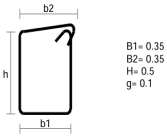
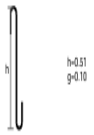
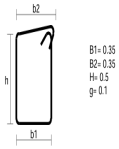
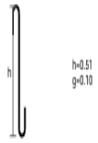
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|---|---|---|---|---|---|---|---|
| VC-120A | 2 | #6 | 4.5 | 9 | 2.25 | 20.25 | 206.3 |
| | 2 | #7 | 6 | 12 | 3.06 | 36.72 | |
| | 2 | #7 | 6 | 12 | 3.06 | 36.72 | |
| | 2 | #6 | 4.5 | 9 | 2.25 | 20.25 | |
| | 1 | #6 | 3.65 | 3.65 | 2.25 | 8.21 | |
| | 2 | #6 | 8.5 | 17 | 2.25 | 38.25 | |
| | 2 | #6 | 9 | 18 | 2.25 | 40.5 | |
| | 1 | #6 | 2.4 | 2.4 | 2.25 | 5.4 | |
| VC-124 | 2 | #6 | 3 | 6 | 2.25 | 13.5 | 74.25 |
| | 2 | #6 | 4.5 | 9 | 2.25 | 20.25 | |
| | 2 | #6 | 4.5 | 9 | 2.25 | 20.25 | |
| | 2 | #6 | 6 | 9 | 2.25 | 20.25 | |
| | | | | | | **8,232.22** | **8,232.22** |

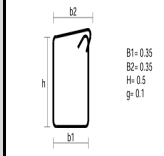
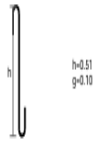
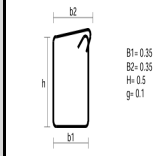
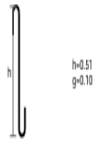
| ESTRIBOS VIGAS PRINCIPALES | | | | |
|---|---|---|---|---|
| Estribos 1 | | Cantidad | Peso (kg) total estribos | Peso (kg) total estribos |
| VC-103 |  B1= 0.35<br>B2= 0.35<br>H= 0.5<br>g= 0.1 | 462 | 491.6 | 1069.2 |
| |  h=0.51<br>g=0.10 | 689 | 273.9 | |
| |  B1= 0.35<br>B2= 0.35<br>H= 0.6<br>g= 0.1 | 151 | 177.6 | |
| |  h=0.61<br>g=0.10 | 278 | 126.1 | |
| VC-105 |  B1= 0.3<br>B2= 0.3<br>H= 0.5<br>g= 0.1 | 579 | 583.6 | 771.0 |
| |  h=0.50<br>g=0.10 | 478 | 187.4 | |

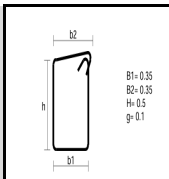
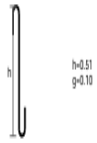
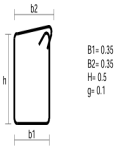
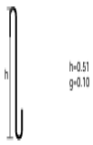
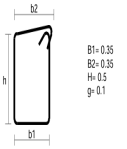
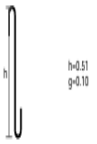
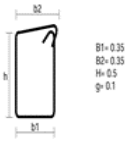
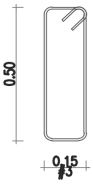
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|---|---|---|---|---|
| **VC-105A** |  B1= 0.35<br>B2= 0.35<br>H= 0.6<br>g= 0.1 | 117 | 137.592 | 782.3 |
| |  h=0.61<br>g=0.10 | 96 | 43.008 | |
| |  B1= 0.3<br>B2= 0.3<br>H= 0.5<br>g= 0.1 | 451 | 454.6 | |
| |  h=0.51<br>g=0.10 | 370 | 147.1 | |

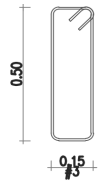
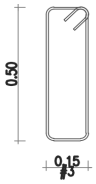
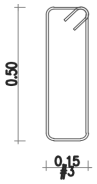
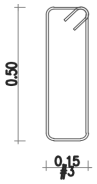
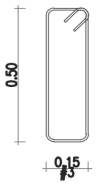
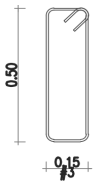
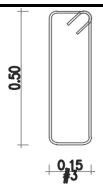
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|---|---|---|---|---|
| **VC-106** |  | 206 | 219.2 | 1079.8 |
| |  | 361 | 424.5 | |
| |  | 320 | 127.2 | |
| |  | 681 | 308.9 | |
| | | | **3,702.30** | **3,702.30** |

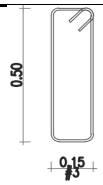
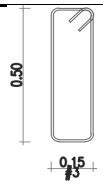
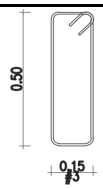
| ESTRIBOS VIGAS TRANSVERSALES | | | | | | |
|---|---|---|---|---|---|---|
| **Estribos 1** | | **Estribos 2** | **Long desarrollo** | **Cantidad** | **Peso (kg) total estribos** | **PESO (KG)** |
| **VC-112 EJE 2** |  | | 1.8 | 214 | 215.71 | 290.86 |
| |  | | 0.71 | 189 | 75.15 | |
| **VC-114 EJE 3** |  | | 1.8 | 164 | 165.31 | 224.95 |
| |  | | 0.71 | 150 | 59.64 | |
| **VC-116 EJE 4** |  | | 1.8 | 122 | 122.98 | 169.89 |
| |  | | 0.71 | 118 | 46.92 | |

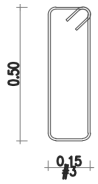
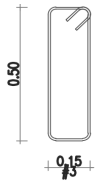
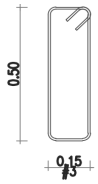
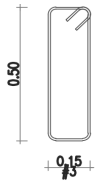
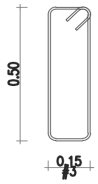
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|---|---|---|---|---|---|---|
| **VC-123 EJE 5** |  | | 2.1 | 84 | 98.78 | 314.01 |
| |  | | 0.81 | 160 | 72.58 | |
| |  | | 1.9 | 84 | 89.38 | |
| |  | | 0.71 | 134 | 53.28 | |
| **VC-117 EJE 6** |  | | 1.8 | 170 | 171.36 | 233.78 |
| |  | | 0.71 | 157 | 62.42 | |

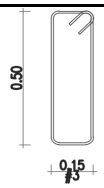
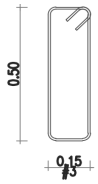
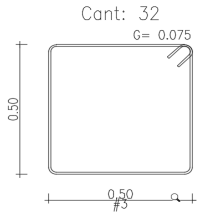
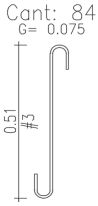
| | | | | | | |
|---|---|---|---|---|---|---|
| **VC-119 EJE 7** |  | | 1.9 | 86 | 91.50 | 330.05 |
| |  | | 0.71 | 164 | 65.21 | |
| |  | | 2.1 | 88 | 103.49 | |
| |  | | 0.81 | 154 | 69.85 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **VC-117A EJE 8** |  | | 1.8 | 175 | 176.40 | 241.21 |
| |  | | 0.71 | 163 | 64.81 | |
| **VC-121 EJE 9** |  | | 1.9 | 81 | 86.18 | 314.35 |
| |  | | 0.71 | 152 | 60.44 | |
| |  | | 2.1 | 84 | 98.78 | |
| |  | | 0.81 | 152 | 68.95 | |
| **VC-122 EJE 9´** |  | | 1.8 | 118 | 118.94 | 118.94 |
| **VC-124** |  | | 1.5 | 48 | 40.32 | 40.32 |
| **TOTAL** | | | | | **2,278.38** | **2,278.38** |

| ESTRIBOS VIGAS TRANSVERSALES | | | | | | |
|---|---|---|---|---|---|---|
| Estribos 1 | | Estribos 2 | Long desarrollo estribo | Cantidad | Peso (kg) total estribos | PESO (KG) |
| VC-110 EJES 1 Y 2 |  | | 1.5 | 55 | 46.20 | 46.20 |
| VC-111 EJES 1 Y 2 |  | | 1.5 | 53 | 44.52 | 44.52 |
| VC-113 EJES 2 Y 3 |  | | 1.5 | 106 | 89.04 | 89.04 |
| VC-115 EJES 3 Y 4 |  | | 1.5 | 78 | 65.52 | 65.52 |
| VC-115A EJES 4 Y 5 |  | | 1.5 | 86 | 72.24 | 72.24 |
| VC-115B EJES 5 Y 6 |  | | 1.5 | 82 | 68.88 | 68.88 |
| VC-118 EJES 6 Y 7 |  | | 1.5 | 110 | 92.40 | 92.40 |

| | | | | | | |
|---|---|---|---|---|---|---|
| **VC-118A EJES 7 Y 8** |  | | 1.5 | 114 | 95.76 | 95.76 |
| **VC-120 EJES 8 Y 9** |  | | 1.5 | 91 | 76.44 | 76.44 |
| **VC-120A EJES 9 Y 9'** |  | | 1.5 | 82 | 68.88 | 68.88 |
| **TOTAL** | | | | | **719.88** | **719.88** |

| ESTRIBOS VIGAS LONGITUDINALES | | | | |
|---|---|---|---|---|
| **Estribos 1** | | **Long desarrollo estribo** | **Cantidad** | **Peso (kg) total estribos** |
| **VC-101 DEL EJE A AL EJE B** |  | 1.5 | 83 | 69.72 |
| **VC-102 DEL EJE A AL EJE B ENTRE EJES 6 Y 8** |  | 1.5 | 96 | 80.64 |
| **VC-102A DEL A AL EJE B ENTRE EJES 8 Y 9** |  | 1.5 | 12 | 10.08 |
| **VC-104 DEL EJE B AL C** |  | 1.5 | 457 | 383.88 |
| **VC-109 DEL EJE C AL EJE D** |  | 1.5 | 395 | 331.8 |

| | | | | |
|---|---|---|---|---|
| **VC-104A DEL EJE D AL EJE E** |  | 1.5 | 418 | 351.12 |
| **VC-107 DEL EJE E AL EJE F** |  | 1.5 | 22 | 18.48 |
| **VC-108** |  | 2.2 | 32 | 39.424 |
| **VC-108** |  | 0.71 | 84 | 33.3984 |
| **TOTAL** | | | | **1,318.54** |

| VIGAS T - TIPO 1 ( 2 UNIDADES) | | | | | | | |
|---|---|---|---|---|---|---|---|
| VIGAS T ENTRE EJES A Y B | | | | | | | |
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| ESTRIBO DE ZARPA | 4 | | 86 | 2.3 | 197.8 | 0.994 | 196.61 |
| ESTRIBO DE CUERPO | 3 | | 86 | 1.8 | 154.8 | 0.56 | 86.69 |
| ESTRIBO HORIZONTAL DE PEDESTAL | 3 | | 16 | 1.48 | 23.68 | 0.56 | 13.26 |
| C VERTICAL DE PEDESTAL | 5 | | 32 | 5.5 | 176 | 1.552 | 273.15 |
| ACERO HORIZONTAL DE ZARPA | 3 | | 20 | 6.33 | 126.6 | 0.56 | 70.90 |
| ACERO HORIZONTAL DEL CUERPO SUPERIO | 5 | | 16 | 4.5 | 72 | 1.552 | 111.74 |
| ACERO HORIZONTAL DEL CUERPO INFERIOR | 5 | | 16 | 2.8 | 44.8 | 1.552 | 69.53 |
| | | | | | | PESO TOTAL | 821.88 |

| VIGAS T - TIPO 2 ( 1 UNIDAD) | | | | | | | |
|---|---|---|---|---|---|---|---|
| VIGAS T ENTRE EJES A Y B | | | | | | | |
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| ESTRIBO DE ZARPA | 4 | 0.2 | 10 | 2.3 | 23 | 0.994 | 22.86 |
| ESTRIBO DE CUERPO | 3 | 0.25 | 8 | 1.8 | 14.4 | 0.56 | 8.06 |
| ESTRIBO HORIZONTAL DE PEDESTAL | 3 | | 8 | 1.48 | 11.84 | 0.56 | 6.63 |
| C VERTICAL DE PEDESTAL | 5 | | 16 | 5.5 | 88 | 1.552 | 136.58 |
| ACERO HORIZONTAL DE ZARPA | 3 | 0.15 | 10 | 2 | 20 | 0.56 | 11.20 |
| ACERO HORIZONTAL DEL CUERPO SUPERIO | 5 | | 4 | 2 | 8 | 1.552 | 12.42 |
| ACERO HORIZONTAL DEL CUERPO INFERIOR | 5 | | 4 | 2 | 8 | 1.552 | 12.42 |
| | | | | | | PESO TOTAL | 210.16 |

| VIGA DE CIMENTACION EJE A Y VERTICALES L=28M | | | | | | | |
|---|---|---|---|---|---|---|---|
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| ACERO LONGITUDINAL SUPERIOR | 5 | | 4 | 6 | 24 | 1.56 | 37.44 |
| ACERO LONGITUDINAL INFERIOR | 5 | | 4 | 6 | 24 | 1.56 | 37.44 |
| ACERO LONGITUDINAL REFUERZO | 5 | | 2 | 6 | 12 | 1.56 | 18.72 |
| ESTRIBOS | 3 | | 233 | 1.6 | 372.8 | 0.56 | 208.77 |
| VERTICALES | 6 | | 1 | 2 | 2 | 2.25 | 4.50 |
| VERTICALES | 6 | | 1 | 4 | 4 | 2.25 | 9.00 |
| VERTICALES | 6 | | 1 | 1.5 | 1.5 | 2.25 | 3.38 |
| | | | | | | PESO TOTAL | 319.24 |

| ACERO TANQUE | | Dimensiones | | | No Elem. | KG TOTAL |
|---|---|---|---|---|---|---|
| | | Peso (kg/ml) | Longitud (m) | Localización | | |
| PLANTA | Ref 01 #4 | 1.00 | 6.00 | | 28.00 | 168.00 |
| | Ref 02 #4 | 1.00 | 5.00 | | 28.00 | 140.00 |
| | Ref 03 #4 | 1.00 | 6.00 | | 28.00 | 168.00 |
| | Ref 04 #4 | 1.00 | 3.00 | | 28.00 | 84.00 |
| | Ref 05 #4 | 1.00 | 6.00 | | 28.00 | 168.00 |
| | Ref 06 #4 | 1.00 | 6.00 | | 28.00 | 168.00 |
| | Ref 07 #4 | 1.00 | 5.60 | | 28.00 | 156.80 |
| | Ref 08 #4 | 1.00 | 6.00 | | 56.00 | 336.00 |
| | Ref 09 #4 | 1.00 | 3.00 | | 14.00 | 42.00 |
| | Ref 10 #4 | 1.00 | 5.25 | | 84.00 | 441.00 |
| | Ref 11 #4 | 1.00 | 2.00 | | 28.00 | 56.00 |
| | Ref 12 #4 | 1.00 | 2.22 | | 14.00 | 31.08 |
| | Ref 13 #4 | 1.00 | 1.82 | | 14.00 | 25.48 |
| | Ref 14 #4 | 1.00 | 1.81 | | 32.00 | 57.92 |
| | Ref 15 #4 | 1.00 | 2.21 | | 14.00 | 30.94 |
| | Ref 16 #4 | 1.00 | 1.81 | | 14.00 | 25.34 |
| | Ref 17 #4 | 1.00 | 5.10 | | 24.00 | 122.40 |
| | Ref 18 #4 | 1.00 | 3.34 | | 24.00 | 80.16 |
| | Ref 19 #4 | 1.00 | 4.53 | | 24.00 | 108.72 |
| | Ref 20 #4 | 1.00 | 2.65 | | 24.00 | 63.60 |
| | Ref 21 #4 | 1.00 | 2.40 | | 24.00 | 57.60 |
| | Ref 22 #4 | 1.00 | 2.84 | | 24.00 | 68.16 |
| | Ref 23 #4 | 1.00 | 4.04 | | 47.00 | 189.88 |
| | Ref 24 #4 | 1.00 | 4.04 | | 47.00 | 189.88 |
| | Ref 25 #4 | 1.00 | 2.20 | | 47.00 | 103.40 |
| | Ref 26 #4 | 1.00 | 2.68 | | 7.00 | 18.76 |
| | Ref 27 #4 | 1.00 | 2.15 | | 7.00 | 15.05 |
| **pozo** | Ref 28 #4 | 1.00 | 4.71 | | 7.00 | 32.97 |
| | Ref 29 #4 | 1.00 | 1.59 | | 7.00 | 11.13 |
| | Ref 30 #4 | 1.00 | 1.84 | | 7.00 | 12.88 |
| | Ref 31 #4 | 1.00 | 2.40 | | 7.00 | 16.80 |
| | Ref 32 #4 | 1.00 | 2.93 | | 7.00 | 20.51 |
| | REF AD LOSA | 1.00 | 6.00 | | 34.00 | 204.00 |
| | Ref 33 #4 | 1.00 | 1.20 | | 24.00 | 28.80 |
| | Ref 34 #4 | 1.00 | 1.64 | | 24.00 | 39.36 |
| | Ref 35 #4 | 1.00 | 4.95 | | 24.00 | 118.80 |
| | Ref 36 #4 | 1.00 | 2.95 | | 24.00 | 70.80 |
| | Ref 37 #4 | 1.00 | 2.30 | | 24.00 | 55.20 |
| | Ref 38 #4 LONG 1 | 1.00 | 6.00 | | 24.00 | 144.00 |
| | Ref 38 #4 LONG 2 | 1.00 | 1.20 | | 24.00 | 28.80 |
| | Ref 39 #4 | 1.00 | 3.24 | | 24.00 | 77.76 |
| | Ref 40 #4 | 1.00 | 3.25 | | 24.00 | 78.00 |
| | Ref 41 #4 | 1.00 | 4.75 | | 24.00 | 114.00 |
| | Ref 42 #4 | 1.00 | 4.00 | | 24.00 | 96.00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Ref 43 #4 | 1.00 | 2.50 | | 24.00 | 60.00 |
| | Ref 44 #4 | 1.00 | 2.00 | | 24.00 | 48.00 |
| | Ref 45 #4 | 1.00 | 5.15 | | 24.00 | 123.60 |
| | Ref 46 #4 | 1.00 | 5.35 | | 24.00 | 128.40 |
| | Ref 47 #4 | 1.00 | 4.50 | | 24.00 | 108.00 |
| | Ref 48 #4 | 1.00 | 3.00 | | 24.00 | 72.00 |
| **TANQUE SCI** | Ref 49 #4 | 1.00 | 3.61 | | 48.00 | 173.28 |
| | Ref 50 #4 | 1.00 | 6.00 | | 48.00 | 288.00 |
| | Ref 51 #4 | 1.00 | 5.02 | | 47.00 | 235.94 |
| | Ref 52 #4 | 1.00 | 5.02 | | 144.00 | 722.88 |
| **TANQUE CUARTO DE MAQUINA** | Ref 53 #4 | 1.00 | 3.00 | | 6.00 | 18.00 |
| | Ref 54 #4 | 1.00 | 5.16 | | 6.00 | 30.96 |
| | Ref 55 #4 | 1.00 | 5.60 | | 6.00 | 33.60 |
| | Ref 56 #4 | 1.00 | 1.58 | | 6.00 | 9.48 |
| | Ref 57 #4 | 1.00 | 3.65 | | 6.00 | 21.90 |
| | Ref 58 #4 | 1.00 | 4.05 | | 6.00 | 24.30 |
| | Ref 59 #4 | 1.00 | 3.86 | | 24.00 | 92.64 |
| | Ref 60 #4 | 1.00 | 5.80 | | 24.00 | 139.20 |
| | Ref 61 #4 | 1.00 | 4.70 | | 31.00 | 145.70 |
| | Ref 62 #4 | 1.00 | 3.31 | | 124.00 | 410.44 |
| | Ref 63 #4 LONG1 | 1.00 | 6.00 | | 31.00 | 186.00 |
| | Ref 63 #4 LONG2 | 1.00 | 1.40 | | 31.00 | 43.40 |
| | | | | | | **7,381.70** |

| DESPIECE PANTALLA M-1 - (2 UNIDADES) | | | | | | | |
|---|---|---|---|---|---|---|---|
| PANTALA EN EJE 9´ | | | | | | | |
| **TIPO** | **#** | **@** | **CANTIDAD** | **LONGITUD** | **LONGITUD TOTAL** | **COEFICIENTE (KG/M)** | **PESO KG** |
| MALLA - 378 | | | 2 | | | 84.7 | 169.4 |
| | | | | | | **PESO TOTAL** | **169.40** |

| DESPIECE PANTALLA M-2 - (1 UNIDAD) | | | | | | | |
|---|---|---|---|---|---|---|---|
| PANTALA EN EJE 9´ | | | | | | | |
| **TIPO** | **#** | **@** | **CANTIDAD** | **LONGITUD** | **LONGITUD TOTAL** | **COEFICIENTE (KG/M)** | **PESO KG** |
| MALLA - 257 | | | 1 | | | | 57.4 |
| | | | | | | **PESO TOTAL** | **57.40** |

| DESPIECE PANTALLA M-3 - (1 UNIDAD) | | | | | | | |
|---|---|---|---|---|---|---|---|
| PANTALA EN EJE 9´ | | | | | | | |
| **TIPO** | **#** | **@** | **CANTIDAD** | **LONGITUD** | **LONGITUD TOTAL** | **COEFICIENTE (KG/M)** | **PESO KG** |
| MALLA - 335 | | | 1 | | | 75.1 | 75.1 |
| | | | | | | **PESO TOTAL** | **75.10** |

| MALLA INFERIOR DE LOSA DE CIMENTACION | | | | | | | |
|---|---|---|---|---|---|---|---|
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE KG | PESO KG |
| MALLA - 295 | | | 71 | | | 65.9 | **4678.90** |

| MALLA SUPERIOR DE LOSA DE CIMENTACION | | | | | | | |
|---|---|---|---|---|---|---|---|
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE KG | PESO KG |
| MALLA - 295 | | | 91 | | | 65.9 | **5996.90** |

| DESPIECE DE MURO DE CONTENCION - CON ZARPA | | | | | | | |
|---|---|---|---|---|---|---|---|
| MURO DE CONTENCION ENTRE EJES 2´ - 2 | | | | | | | |
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| A1 | 5 | 0.2 | 30 | 5.3 | 159 | 1.552 | 246.77 |
| A2 | 5 | 0.2 | 30 | 6 | 180 | 1.552 | 279.36 |
| B1 | 8 | 0.2 | 29 | 6 | 174 | 3.973 | 691.30 |
| B2 | 8 | 0.2 | 30 | 4.5 | 135 | 3.973 | 536.36 |
| E1 | 5 | 0.2 | 30 | 6 | 180 | 1.552 | 279.36 |
| E2 | 8 | 0.18 | 33 | 6 | 198 | 3.973 | 786.65 |
| D | 5 | 0.2 | 30 | 2.85 | 85.5 | 1.552 | 132.70 |
| C | 4 | 0.2 | 126 | 6 | 756 | 0.994 | 751.464 |
| | | | | | | PESO TOTAL | 3703.96 |
| MURO DE CONTENCION ENTRE EJES 2 - 3 | | | | | | | |
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| A1 | 5 | 0.2 | 40 | 4.85 | 194 | 1.552 | 301.09 |
| A2 | 5 | 0.2 | 40 | 2.45 | 98 | 1.552 | 152.10 |
| B1 | 8 | 0.2 | 39 | 6 | 234 | 3.973 | 929.68 |
| B2 | 8 | 0.2 | 40 | 4.5 | 180 | 3.973 | 715.14 |
| D | 5 | 0.2 | 40 | 6 | 240 | 1.552 | 372.48 |
| E1 | 5 | 0.2 | 40 | 4.5 | 180 | 1.552 | 279.36 |
| E2 | 8 | 0.18 | 44 | 4.5 | 198 | 3.973 | 786.65 |
| C1 | 4 | 0.2 | 110 | 6 | 660 | 0.994 | 656.04 |
| C2 | 4 | 0.2 | 110 | 3 | 330 | 0.994 | 328.02 |
| | | | | | | PESO TOTAL | 4520.56 |
| MURO DE CONTENCION ENTRE EJES A - G | | | | | | | |
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| A1 | 5 | 0.2 | 153 | 4.86 | 743.58 | 1.552 | 1154.04 |
| A2 | 5 | 0.2 | 153 | 1.5 | 229.5 | 1.552 | 356.18 |
| B1 | 8 | 0.2 | 153 | 6 | 918 | 3.973 | 3647.21 |
| B2 | 8 | 0.2 | 153 | 3 | 459 | 3.973 | 1823.61 |
| D | 5 | 0.2 | 153 | 6 | 918 | 1.552 | 1424.74 |
| E1 | 5 | 0.2 | 153 | 4.5 | 688.5 | 1.552 | 1068.55 |
| E2 | 8 | 0.18 | 171 | 4.5 | 769.5 | 3.973 | 3057.22 |
| C1 | 4 | 0.2 | 600 | 6 | 3600 | 0.994 | 3578.40 |
| C2 | 4 | 0.2 | 600 | 6 | 3600 | 0.994 | 3578.4 |
| | | | | | | PESO TOTAL | 19,688.35 |

| DESPIECE DE MURO DE CONTENCION COMBINADO 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| MURO DE CONENCION ENTRE EJES 5 - 7 | | | | | | | |
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| ESTRIBOS CIMENTACION | 4 | 0.2 | 76 | 1.9 | 144.4 | 0.994 | 143.53 |
| VERTICAL | 4 | 0.3 | 102 | 2.9 | 295.8 | 0.994 | 294.03 |
| HORIZONTAL | 3 | 0.2 | 32 | 14.9 | 476.8 | 0.56 | 267.01 |
| REFUERZO DE VIGA | | | | | | | |
| ESTRIBO | 3 | 0.15 | 100 | 0.88 | 88 | 0.56 | 49.28 |
| HORIZONTAL 1 | 4 | | 4 | 14.9 | 59.6 | 0.994 | 59.24 |
| REFUERZO DE VIGA DE CIERRE | 3 | | | | | | |
| ESTRIBO | 3 | 0.15 | 100 | 1.38 | 138 | 0.56 | 77.28 |
| HORIZONTAL 1 | 5 | | 4 | 14.9 | 59.6 | 1.552 | 92.50 |
| DOVELAS | 4 | 0.8 | 19 | 2.76 | 52.44 | 0.994 | 52.13 |
| ESCALERILLA RECTA GRAFIL 4mm | | | 3 | 15 | 45 | 0.15 | 6.75 |
| | | | | | | PESO TOTAL | 1041.74 |

| DESPIECE DE MURO DE CONTENCION COMBINADO 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| MURO DE CONENCION ENTRE EJES 5 - 3 | | | | | | | |
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| ESTRIBOS CIMENTACION | 4 | 0.2 | 76 | 1.9 | 144.4 | 0.994 | 143.53 |
| VERTICAL | 4 | 0.3 | 102 | 3.8 | 387.6 | 0.994 | 385.27 |
| HORIZONTAL | 3 | 0.2 | 40 | 14.9 | 596 | 0.56 | 333.76 |
| REFUERZO DE VIGA | | | | | 0 | | 0.00 |
| ESTRIBO | 3 | 0.15 | 100 | 0.88 | 88 | 0.56 | 49.28 |
| HORIZONTAL 1 | 4 | | 4 | 14.9 | 59.6 | 0.994 | 59.24 |
| REFUERZO DE VIGA DE CIERRE | | | | | | | |
| ESTRIBO | 3 | 0.15 | 100 | 1.38 | 138 | 0.56 | 77.28 |
| HORIZONTAL 1 | 5 | | 4 | 14.9 | 59.6 | 1.552 | 92.50 |
| DOVELAS | 4 | 0.8 | 19 | 1.5 | 28.5 | 0.994 | 28.33 |
| ESCALERILLA RECTA GRAFIL 4mm | | | 1 | 15 | 15 | 0.15 | 2.25 |
| | | | | | | PESO TOTAL | 1171.45 |

| DESPIECE PANTALLA M-1 - (2 UNIDADES) | | | | | | | |
|---|---|---|---|---|---|---|---|
| PANTALA EN EJE 9´ | | | | | | | |
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| INICIO | 3 | | 56 | 1.2 | 67.2 | 0.56 | 37.63 |
| MALLA - 378 | | | 2 | | | 84.7 | |
| | | | | | | PESO TOTAL | 37.63 |

| DESPIECE PANTALLA M-2 - (1 UNIDAD) | | | | | | | |
|---|---|---|---|---|---|---|---|
| PANTALA EN EJE 9´ | | | | | | | |
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| INICIO | 3 | | 22 | 1.2 | 26.4 | 0.56 | 14.78 |
| INICIO COLUMNETA | 4 | | 8 | 1.75 | 14 | 0.994 | 13.92 |
| CONTINUACION COLUMNETA | 4 | | 8 | 3.36 | 26.88 | 0.994 | 26.72 |
| MALLA - 257 | | | 1 | | | | |
| | | | | | | PESO TOTAL | 55.42 |

| DESPIECE PANTALLA M-3 - (1 UNIDAD) | | | | | | | |
|---|---|---|---|---|---|---|---|
| PANTALA EN EJE 9´ | | | | | | | |
| TIPO | # | @ | CANTIDAD | LONGITUD | LONGITUD TOTAL | COEFICIENTE (KG/M) | PESO KG |
| INICIO | 3 | | 8 | 1.2 | 9.6 | 0.56 | 5.38 |
| INICIO COLUMNETA | 4 | | 8 | 1.75 | 14 | 0.994 | 13.92 |
| CONTINUACION COLUMNETA | 4 | | 8 | 3.36 | 26.88 | 0.994 | 26.72 |
| MALLA - 335 | | | 1 | | | 75.1 | |
| | | | | | | PESO TOTAL | 46.01 |