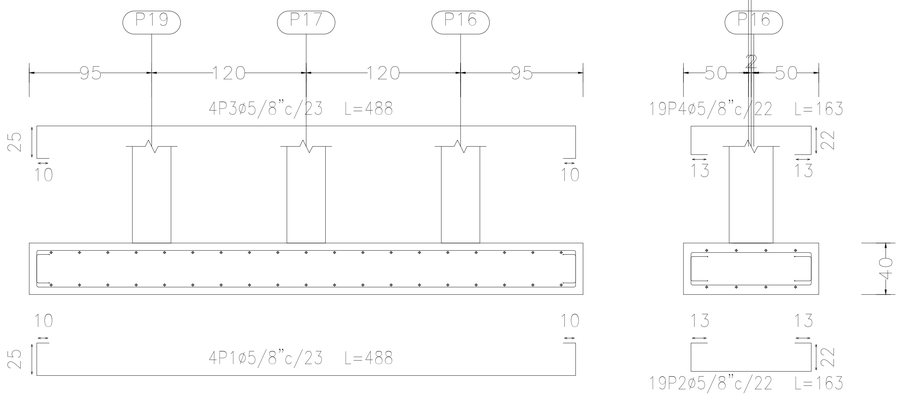
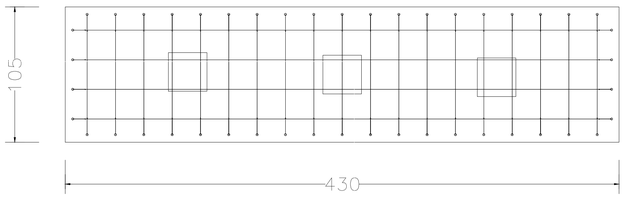
# TANQUE ELEVADO - PLANOS DE CIMENTACION

## (P16 – P17 – P19)





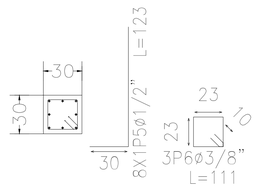




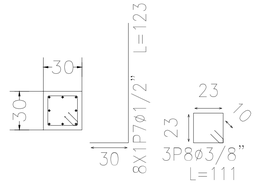

| Cuadro de arranques | |
|---|---|
| Referencias | Armados Esquinas |
| P13, P15, P14, P16, P17 y P19 | 8ø1/2" |

| Elemento | Pos. | Diám. | No. | Long. (cm) | Total (cm) | Grado 60 (kg) |
|---|---|---|---|---|---|---|
| (P16 – P17 – P19) | 1 | ø5/8" | 4 | 488 | 1952 | 30.5 |
| | 2 | ø5/8" | 19 | 163 | 3097 | 48.4 |
| | 3 | ø5/8" | 4 | 488 | 1952 | 30.5 |
| | 4 | ø5/8" | 19 | 163 | 3097 | 48.4 |
| | 5 | ø1/2" | 8 | 123 | 984 | 9.8 |
| | 6 | ø3/8" | 3 | 111 | 333 | 1.9 |
| | 7 | ø1/2" | 8 | 123 | 984 | 9.8 |
| | 8 | ø3/8" | 3 | 111 | 333 | 1.9 |
| | 9 | ø1/2" | 8 | 123 | 984 | 9.8 |
| | 10 | ø3/8" | 3 | 111 | 333 | 1.9 |
| | | | | | Total+10%: | 212.2 |
| | | | | | ø3/8": | 6.3 |
| | | | | | ø1/2": | 32.3 |
| | | | | | ø5/8": | 173.6 |
| | | | | | Total: | 212.2 |

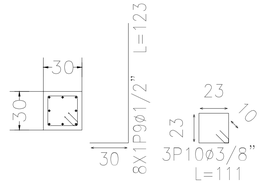
### P16




### P17

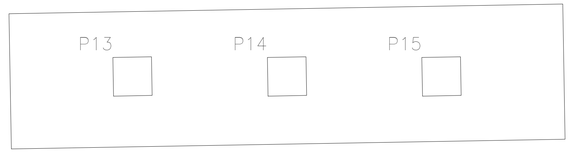



### P19

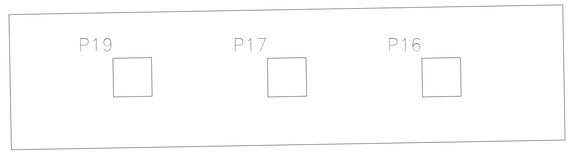



| Resumen Acero Elemento | | Long. total (m) | Peso+10% (kg) | Total |
|---|---|---|---|---|
| Grado 60 | ø3/8" | 20.0 | 12 | |
| | ø1/2" | 59.0 | 65 | |
| | ø5/8" | 203.4 | 349 | 426 |

430 x 105 x 40




430 x 105 x 40




MODELO PERANCHO FINAL 08-02-2024
Escala: 1:50

| | | | | | | |
|---|---|---|---|---|---|---|
| PARQUES NACIONALES DE COLOMBIA | LOCALIZACIÓN: PNN LOS KATIOS | CONTENIDO: DETALLES DE CIMENTACION Y DESPIECE | | ELABORO: Dir. Obra. Raul Romero; Esp. Estructural. Milton Jimenez | MODIFICACIONES: # 0 1 2 3 4 — FECHA — RESP — DESCRIPCIÓN | OBSERVACIONES: - | PLANO No: ET-103 |
| | AMPLIACIÓN CABAÑA PERANCHO | PLACA INVENTARIO: - | ESCALA: INDICADA | APROBO: Ing. Caira Luz Jaramillo Henao DIRECTORA DE INTERVENTORIA INTERDI SAS | | | I DE I |
| | | ARCHIVO: Plano Record Tanque Elevado.dwg | FECHA: 0000-00-00 | | | | |