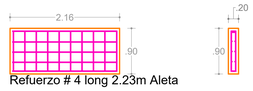


Refuerzo horizontal # 4 long 5.30m contrahuella

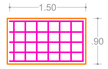


Refuerzo horizontal 100 # 4 long 5.30m

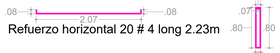
DETALLE REFUERZO TRANSVERSAL LOSA ESCALONADA
RESERVORIO OLIRCO
ESC: 1/50



Refuerzo # 4 long 2.23m Aleta



DETALLE ALETA
RESERVORIO OLIRCO
ESC: 1/50

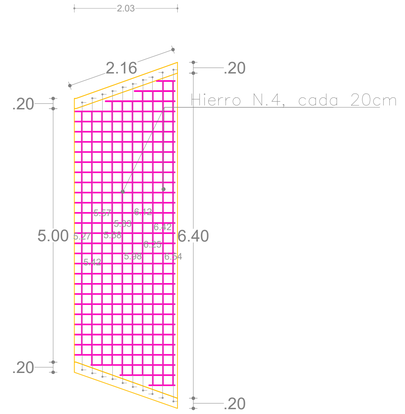


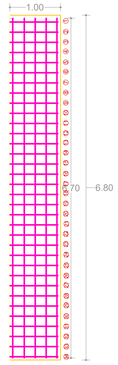
Refuerzo horizontal 20 # 4 long 2.23m



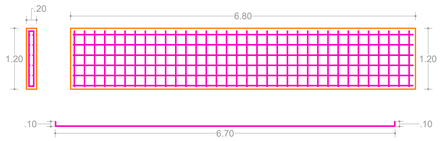
Refuerzo verical 20 # 4 long 1.07m

DETALLE ALETA
RESERVORIO OLIRCO
ESC: 1/50



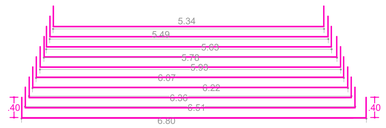


UBICACION DE REFUERZOS EN PLANTA ENTRADA DE LA
ESTRUCTURA DE SALIDA
Losa escalonada
RESERVORIO OLIRCO
ESC: 1/50



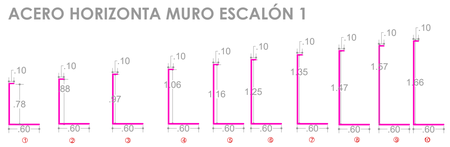
Refuerzo horizontal 12 # 4 long 6.90m Diente de entrada

DETALLE DIENTE DE ENTRADA
RESERVORIO OLIRCO
ESC: 1/50

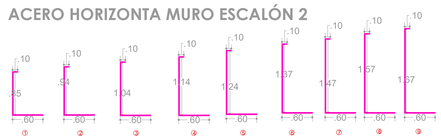


Refuerzo transversal trapecio

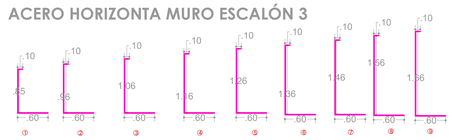
ACERO HORIZONTA MURO ESCALÓN 1



ACERO HORIZONTA MURO ESCALÓN 2



ACERO HORIZONTA MURO ESCALÓN 3



DETALLE MURO INCLINADO VERTICAL
RESERVORIO OLIRCO

ACERO HORIZONTA MURO PLACA SUPERIOR



ACERO HORIZONTA MURO ESCALÓN 3



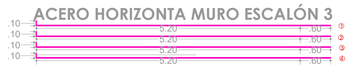
ACERO HORIZONTA MURO ESCALÓN 2



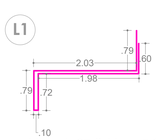
ACERO HORIZONTA MURO ESCALÓN 1



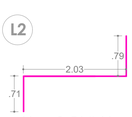
ACERO HORIZONTA MURO ESCALÓN 3



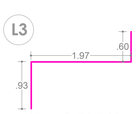
DETALLE MUROS ACERO HORIZONTAL
RESERVORIO OLIRCO



Linea 1; 27 # 4 long 7.01m



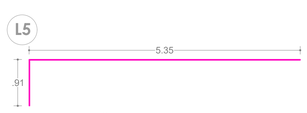
Linea 2; 54 # 4 long 3.53m



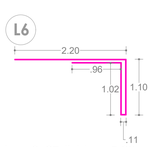
Linea 3; 54 # 4 long 3.50m



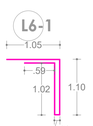
Linea 4; 27 # 4 long 5.00m



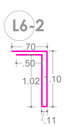
Linea 5; 27 # 4 long 6.26m



Linea 6; 27 # 4 long 5.39m



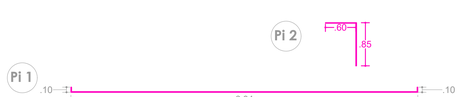
Linea 6_1; 2 # 4 long 3.87m



Linea 6_1; 2 # 4 long 3.87m



Linea 0; 27 # 4 long 6 m



Refuerzo horizontal 12 # 4 long 7.04m inclinado entrada

Corporación Autónoma Regional del Tolima
CORTOLIMA
SUB-DIRECCION DESARROLLO AMBIENTAL SOSTENIBLE

DEPARTAMENTO DEL TOLIMA
MUNICIPIO DE NATAGAIMA

CORPORACION AUTONOMA REGIONAL DEL TOLIMA
"CORTOLIMA"

PROYECTO:

ESTRUCTURA DE SALIDA PARA EL RESERVORIO DEL RESGUARDO INDIGENA OLIRCO EN EL MUNICIPIO DE NATAGAIMA TOLIMA.

CONTIENE :

DESPIECE DE HIERROS FINALES PLANO RECORD.

CONTRATISTA:
CONSTRUCCIONES Y CONSULTORÍA SUAREZ SAS

DEPARTAMENTO DEL TOLIMA



LOCALIZACION A NIVEL DEPARTAMENTAL

OBSERVACIONES

DISENO: el ingenierio civil Jonh Socadagui- CONTRATISTA SDAS CORTOLIMA.

ESCALA: Indicadas

V.o:

FECHA: 03 - 2024

PLANO Nº: 2 DE 2