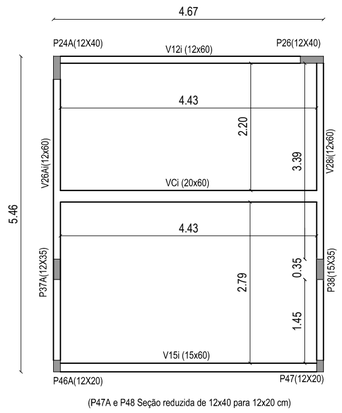
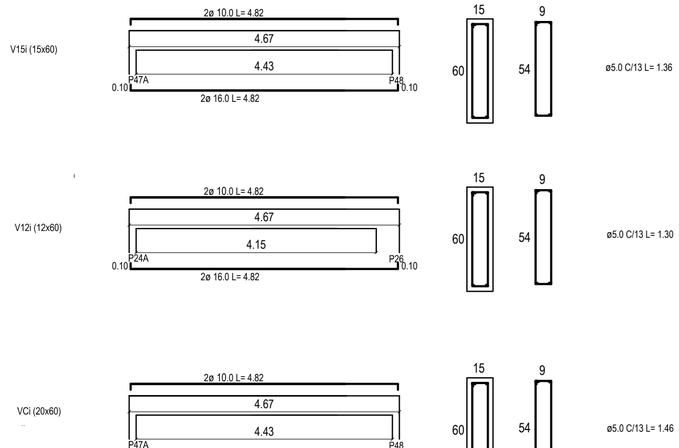
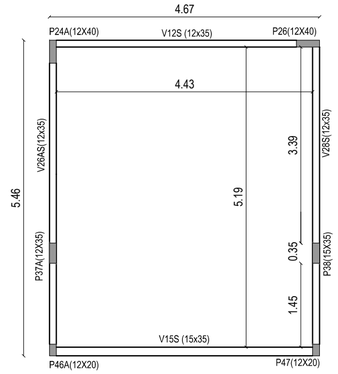
VIGA INTERMEDIÁRIA DO RESERVATÓRIO



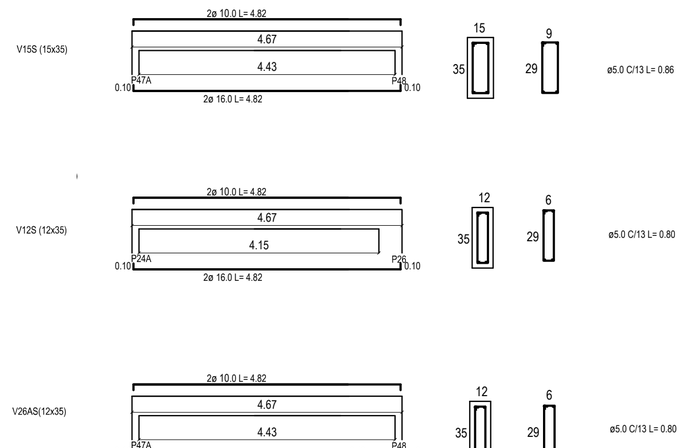
(P47A e P48 Seção reduzida de 12x40 para 12x20 cm)



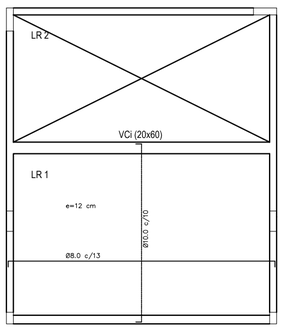
VIGA SUPERIOR DO RESERVATÓRIO



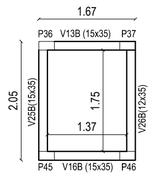
(P47A e P48 Seção reduzida de 12x40 para 12x20 cm)

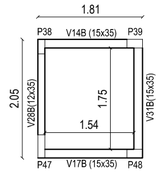


LAJE DO RESERVATÓRIO

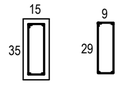


VIGAS DE RESPALDO DOS BANHEIROS





(15x35) = V13B, V14B, V16B, V17B, V25B, V26B, V31B



4 ø10.0
ø5.0 C/13 L= 0.86

Vigas Reservatório		
Concreto	2,01	m³
Forma	40,89	m²
Aço 5,0 mm	56,82	Kg
Aço 10,0 mm	57,38	Kg
Aço 12,5 mm	7,57	Kg
Aço 16,0 mm	154,36	Kg
Soma Aço	276,13	Kg
10%	303,74	Kg

Vigas Banheiros		
Concreto	0,40	m³
Forma	10,25	m²
Aço 5,0 mm	12,69	Kg
Aço 10,0 mm	31,64	Kg
SomaAço	44,33	Kg
10%	48,76	Kg

Lajes Reservatório		
Concreto	2,65	m³
Forma	12,25	m²
Aço 8,0 mm	67,67	Kg
Aço 10,0 mm	4,64	Kg
Soma Aço	72,31	Kg
10%	79,54	Kg

PREFEITURA MUNICIPAL DO RIO GRANDE

SECRETARIA DE MUNICÍPIO DE COORDENAÇÃO E PLANEJAMENTO

UBS BOLAXA

BOLAXA | RIO GRANDE | RS

SMCP 03.2018

ESTRUTURAL

RESERVATÓRIO E BANHEIROS

Oldair Antonio Colares
Eng. Civil - CREA 136653

ESCALA 1/75