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Bid Receiving Public Works and Government
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800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British Columbia
V6Z 0B9
Bid Fax: (604) 775-9381

SOLICITATION AMENDMENT

MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Public Works and Government Services Canada -
Pacific Region
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British C
V6Z 0B9

Title - Sujet Conuma Hatchery Tubs Upgrade	
Solicitation No. - N° de l'invitation F1700-140647/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client F1700-140647	Date 2016-08-04
GETS Reference No. - N° de référence de SEAG PW-\$PWY-022-7833	
File No. - N° de dossier PWY-6-39090 (022)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-08-16	
Time Zone Fuseau horaire Pacific Daylight Saving Time PDT	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Arthur (PWY), Carolyn	Buyer Id - Id de l'acheteur pwy022
Telephone No. - N° de téléphone (604) 364-2752 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DFO - Conuma Hatchery - Tahsis, BC	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Solicitation No. - N° de l'invitation
F1700-140647/A
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.
001
File No. - N° du dossier
PWY-6-39090

Buyer ID - Id de l'acheteur
pwy022
CCC No./N° CCC - FMS No./N° VME

Les documents français seront disponibles sur demande.

Amendment 001

Amendment 001 is raised to:

1. Provide answers to bidder questions
2. Provide additional drawings

1. Provide answers to bidder questions

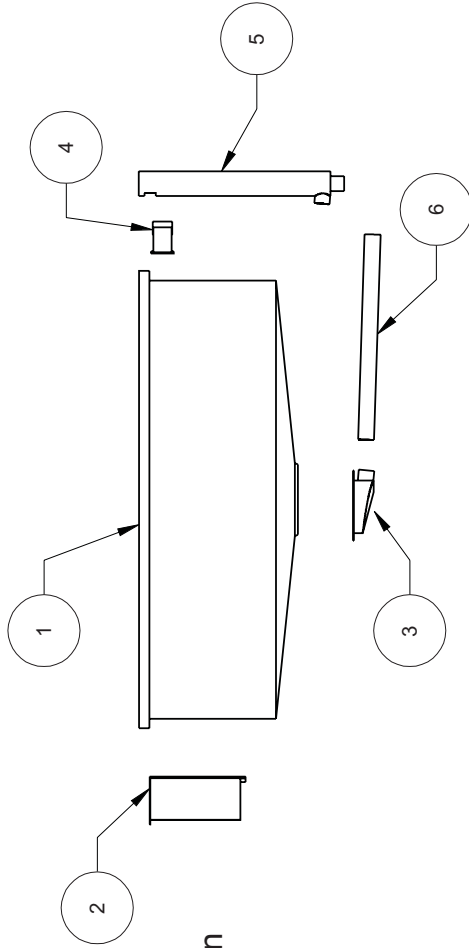
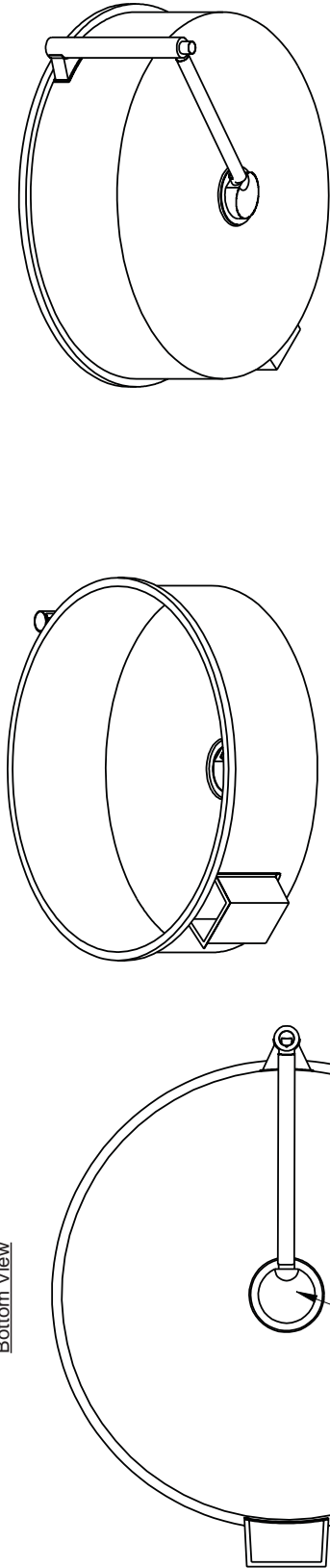
Please see attached RFI Response document.

2. Provide additional drawings

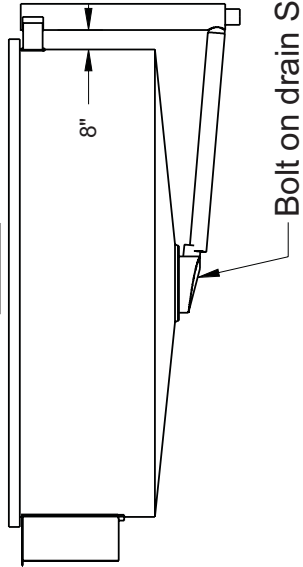
Please see attached Fish Rearing Tub drawing 001 - 006 and Tank Install Instruction.

All other terms and conditions remain unchanged.

Bottom View



Side View



Item #	Part Name	Detail DWG
1	16 FT Tank	Page 2
2	SideBox	Page 3
3	Sump Detail	Page 4
4	Overflow Duckbill	Page 5
5	10 in PVC Stand Pipe	Page 6
6	6" PVC Sump Drain Pipe	Page 6

Independent Shipwrights Ltd.
2443 Alberni Hwy
Box 66, Coombs, B.C
(250)248-2293

Drawing Title:

Fish Rearing Tub

DRN:

CHRIS R

Drawing NO:

Rearing Tub 001

Material:

Fiberglass

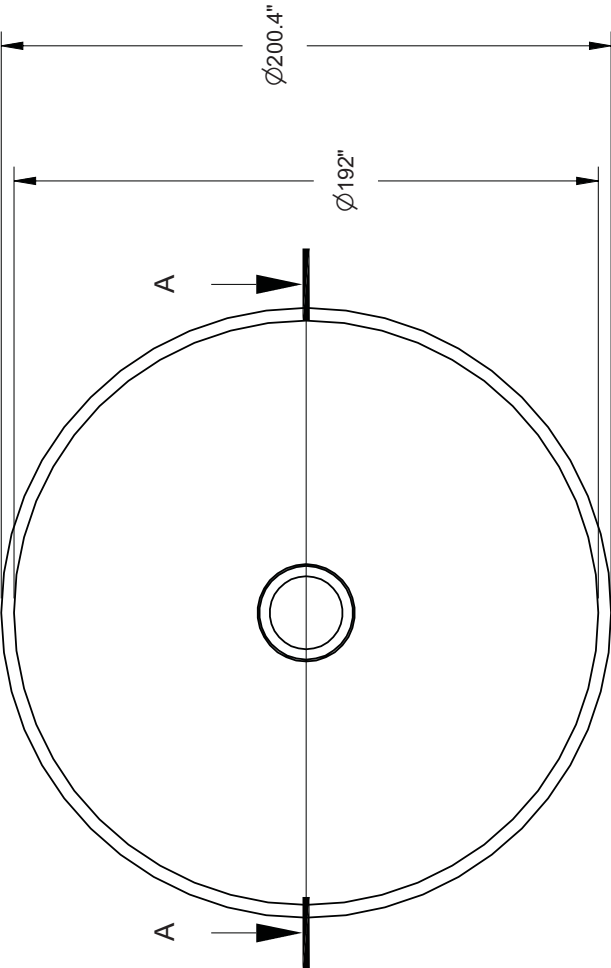
QTY:

4

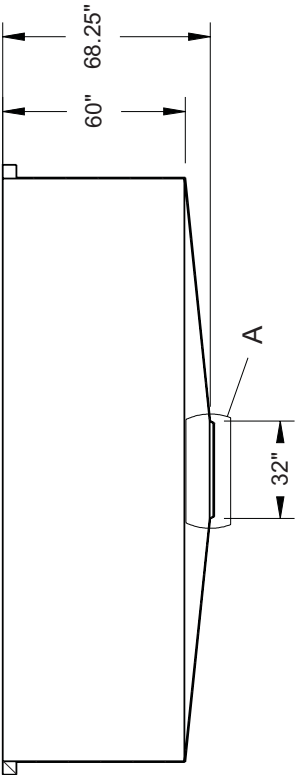
Approved By:

Roy

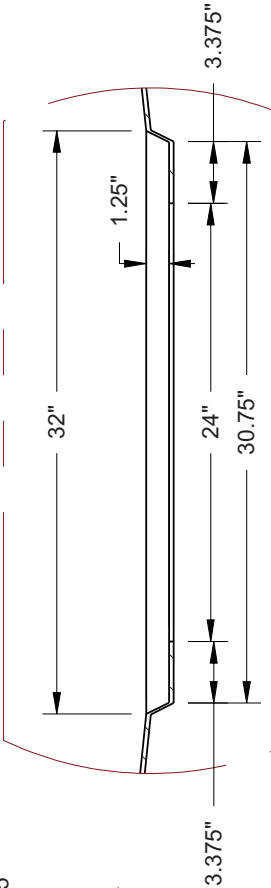
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A	2 of 6	1 : 60	03/17/16



Section A-A



Detail A

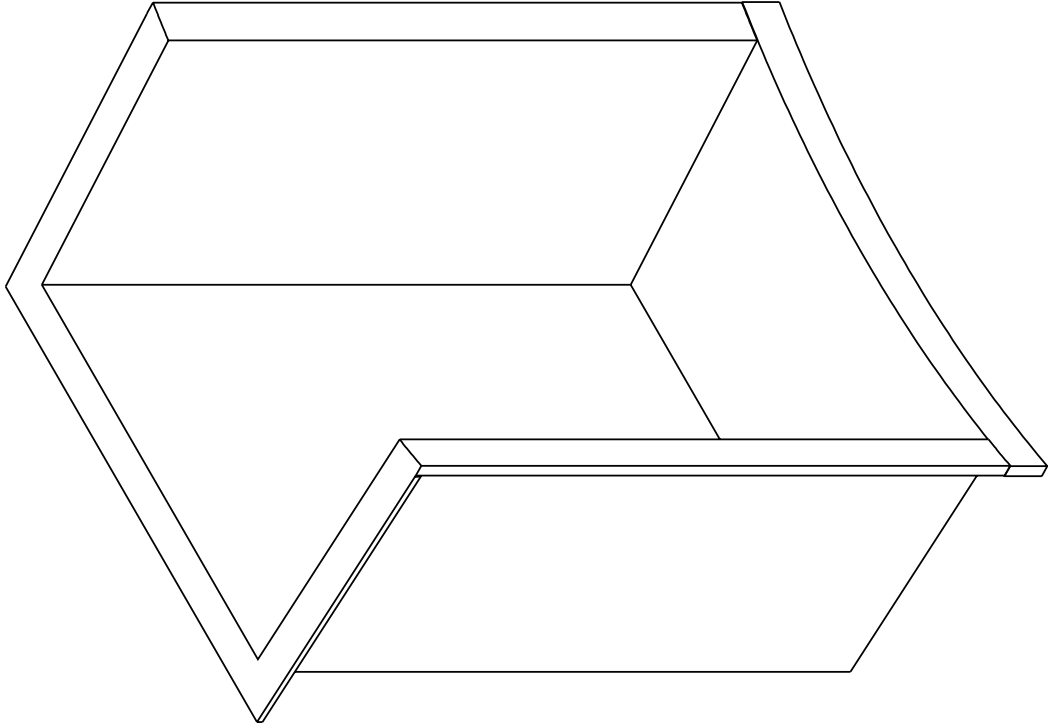
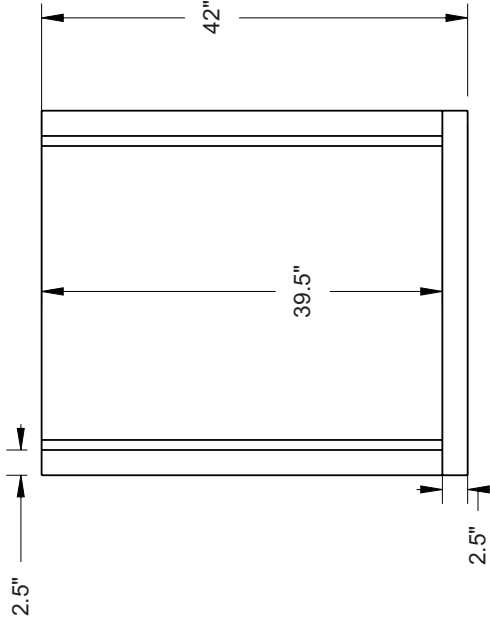
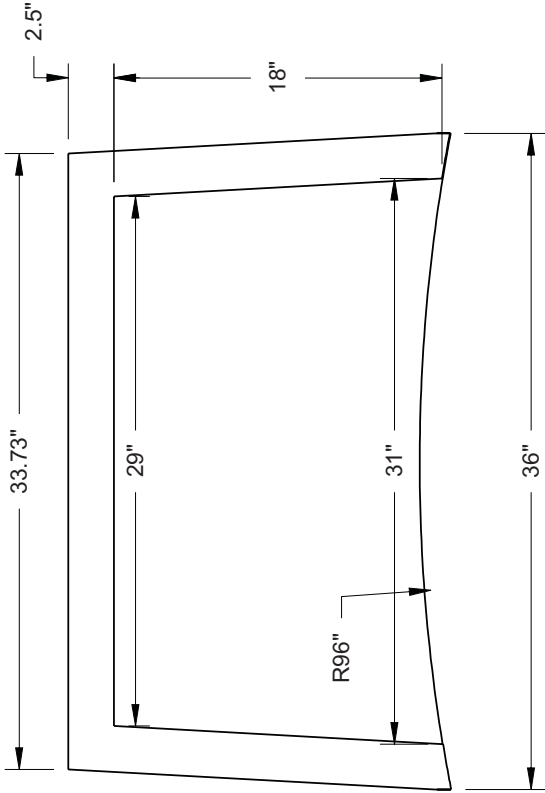


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V0R 1M0
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Drawing Title:	Material:	DRN:
Fish Rearing Tub	Fiberglass	Chris R
Drawing NO:	QTY:	Approved By:
Rearing Tub	4	Roy

REV:	Sheet:	Scale:	Date:
A	3 of 6	1 : 10	03/17/16

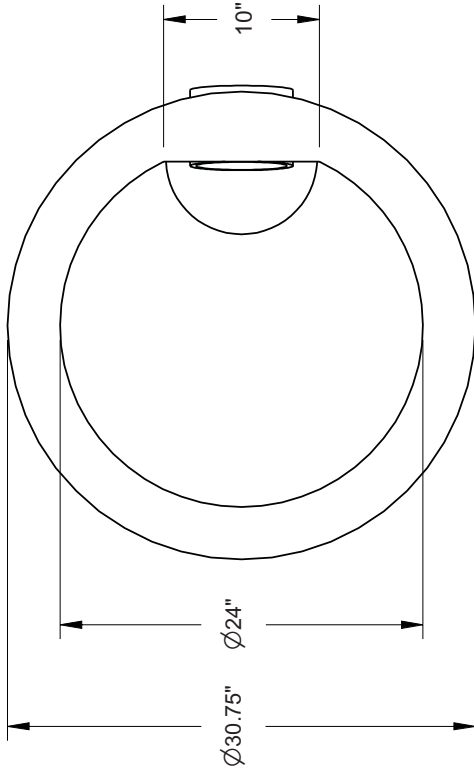
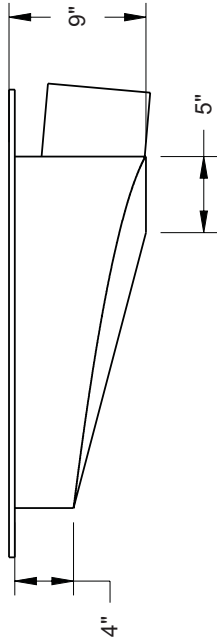
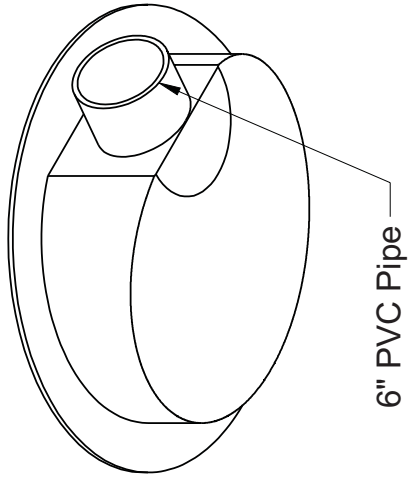
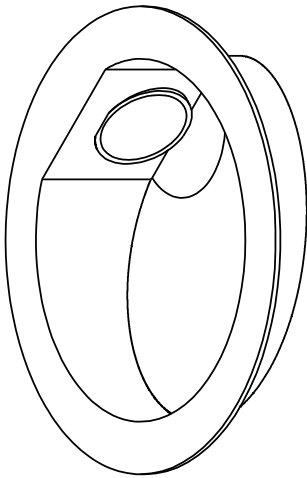


Note:
Side box opening to be cut in the field

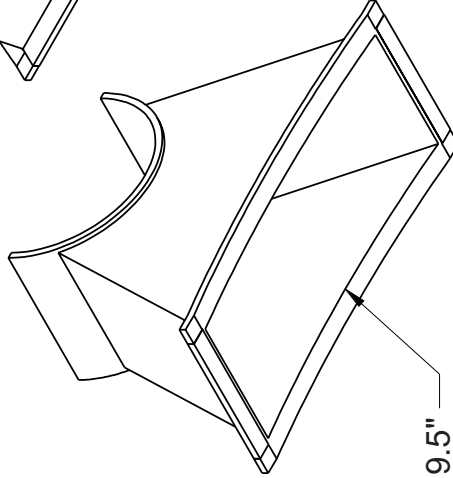
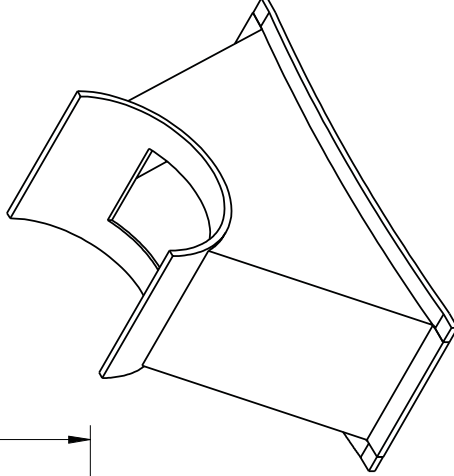
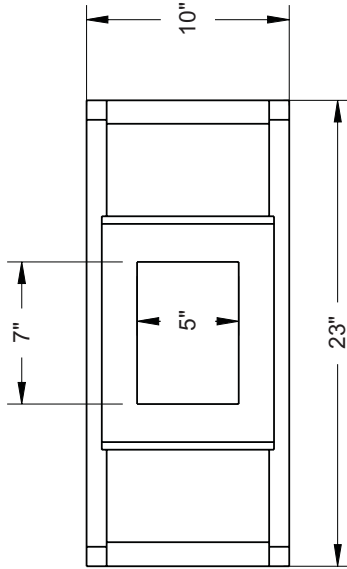
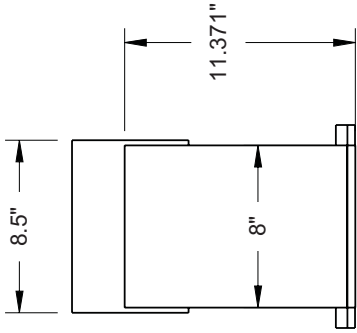
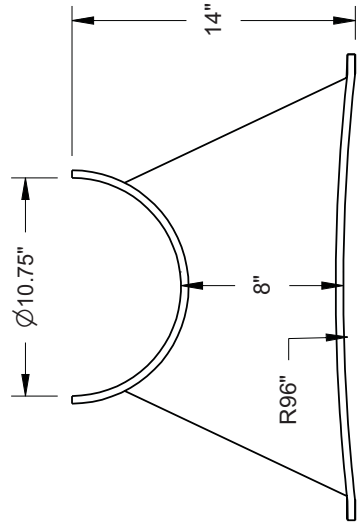
Independent Shipwrights Ltd.

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Box 66, Coombs, B.C
V0R 1M0
(250)248-2293

Drawing Title:	Material:	DRN:
Side Box	Fiberglass	Chris R
Drawing NO:	QTY:	Approved By:
Rearing Tub 003	4	Roy



<i>Independent Shipwrights Ltd.</i> 2443 Alberni Hwy Box 66, Coombs, B.C V0R 1M0 (250)248-2293		Drawing Title: Sump Detail		Material: FiberGlass	DRN: Chris R
Drawing NO: Rearing Tub 004		QTY: 4		Approved By: Roy	

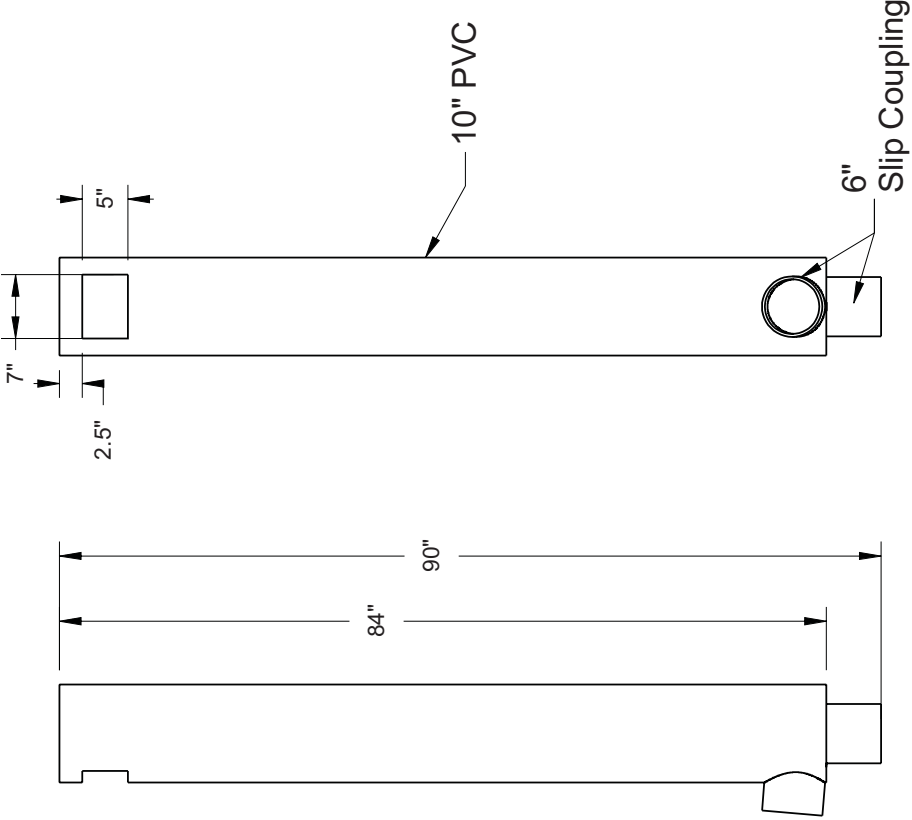


Overflow Screen opening Size 7" x 19.5"
Two overflow screen supplied:
1/2" x 1/8" slots
1/2" x 1/16" slots

Independent Shipwrights Ltd.

2443 Alberni Hwy
Box 66, Coombs, B.C
V0R 1M0
(250)248-2293

Drawing Title:	Overflow Ducksbill	Material:	FiberGlass	DRN:	Chris R
Drawing NO:	Rearing Tub 005	QTY:	4	Approved By:	Roy



Note :
Stand Pipe Assembly Supplied with extra length
to be cut in the field as well as opening into stand pipe.

Independent Shipwrights Ltd.
2443 Alberni Hwy
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V0R 1M0
(250)248-2293

Drawing Title:	10" PVC Stand Pipe	Material:	Fiberglass	DRN:	Chris R
Drawing NO:	Rearing Tub 006	QTY:	4	Approved By:	Roy

INDEPENDENT SHIPWRIGHTS LTD.

2443 ALBERNI HWY COOMBS . BC .

V0R 1M0

PH. 250-248-2293 FAX 250-248-2479

browns@bcsupernet.com

16 FT TANK ASSEMBLY INSTRUCTIONS

Prepare the tank bed by creating a cone shaped depression the diameter of the tank with a drop to the center of the cone of 10 inches. This measurement is important to support the tank bottom correctly.

Install the sump level in that depression with 8.5 inches of drop to the sump flange.

Connect the outflow pipe to the sump. Minimize the slope to exterior of the tank. 1 inch is plenty. Less if room is tight. Fill in the area over outflow pipe.

Compact the entire depression and ensure correct slope. Installers find it best to cover the depression with plastic (6mm poly) and tuck it under the sump flange to stop the sand from continually contaminating the sump area.

Prepare the tank halves by countersinking the predrilled pilot holes # 12 screw fasteners for the bottom join and 1/4 machine screws for walls and flange joins. Do not overcountersink!! Use the correct size countersink and sink only enough to flush the screw head.

It is recommended to join the halves together and then lift into place with hiab/crane as follows.

On a level flat area larger than the tank, set up 8.5 inch blocking to support the od of the tank. lift one half onto the blocks . Support the bottom flange area with 2x4 s and blocks to allow walking along the seam while fastening together.

Lift the other half onto the blocks and slide together to check fit. If all has been set up correctly the seams will align with no change other than to shim around the exterior to maximize the fit.

Clamp the top flanges together to stop any movement and predrill all your holes to accept the appropriate fasteners. 5/32" usually for the #12 fasteners although if you find it is too tight for the screws go up to 3/16". SS screws are soft and require the correct pilot drill. 1/4" inch for sidewalls and top flanges.

Apply masking tape to either side of the join. Separate the halves enough to apply the sealant. Ensure that you apply enough to obtain a continuous gasket. Lift back into position to avoid scraping the sealant off.

Align and install all fasteners including top flange overlap. Take a narrow putty knife and flush off the excess sealant to create a flat uniform seam. Pull the tape and clean off any last sealant.

The tank can now be lifted by ropes utilizing the integral points around the tank and c or bar clamps on the top flange.

Apply plenty of sealant to the sump flange and lower the tank onto the sump.

Drill and fasten the tank bottom to the sump with screws. Inject the seam between the tank and the sump with extra sealant.

Sideboxes and their screens are installed with the 1/4" machine

screws . Ensure that the tank walls are vertical and the tank top flange is level in all directions.

The 1/8" slot sump screen is installed with sealant and the 1/16" screen is held in place with a few screws when required.