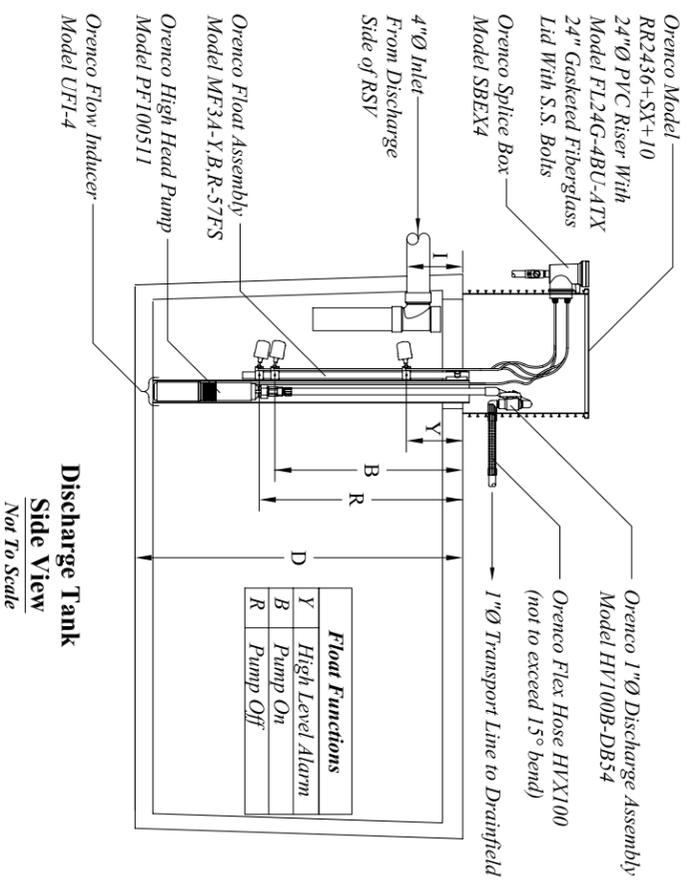


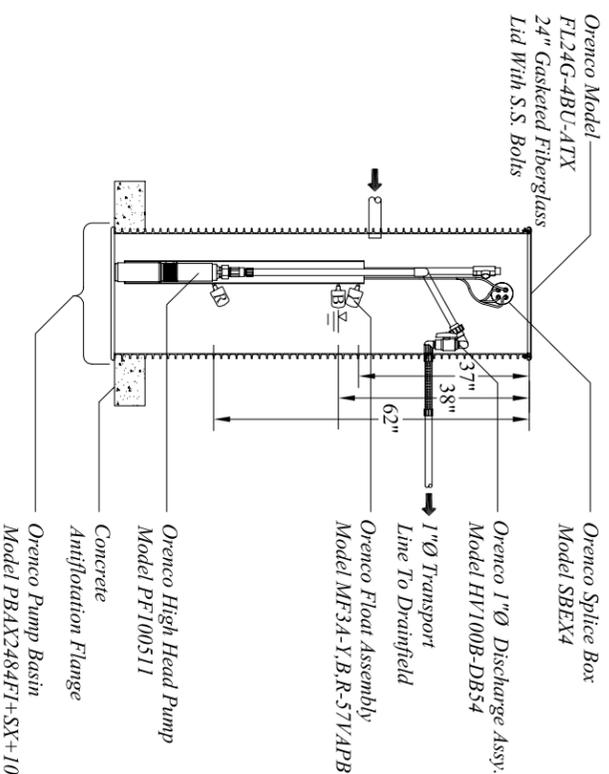
Note:
The Discharge conveyance system shown in these plans is acceptable for the following conditions: less than 50 feet of static head and less than 500 feet of 1"Ø Sch. 40 PVC transport pipe. This system is acceptable regardless of the depth of the soil absorption system.

Note: Only discharge tanks from the manufacturers listed below shall be used.

Discharge Tank Manufacturer	Tank Size	I	D	Y (High Level)	B (Pump On)	R (Pump Off)
Orenco Fiberglass Tank	1000 Gal.	11"	65"	11"	38"	40"
Wrights Ready Mix	1000 Gal.	15"	65"	15"	42.5"	45"
Beasley Concrete	1000 Gal.	16"	66"	16"	43.5"	46"
C.T. Jamison	1000 Gal.	14"	65"	14"	42.5"	45"
Hanover Precast	1000 Gal.	16"	66.5"	17"	44"	46.5"
Rockingham Precast	1000 Gal.	14"	65"	14"	41.5"	44"



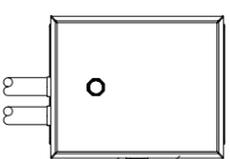
Pump Basin Discharge



Pump Basin Detail
Scale: 1" = 3'-0"

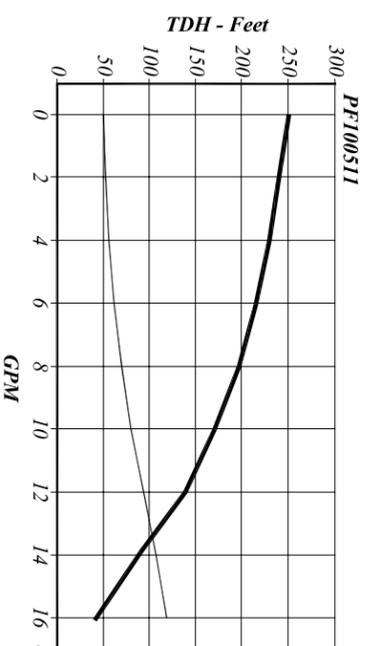
Note:
All concrete tanks shall have PRTA24 cast into tank for acceptance of model RR24XX riser.

Tank Testing Specification:
Concrete tanks may be allowed 24 hours to absorb water prior to hydrostatic testing. All tanks shall be tested in the field by filling the tank with water to 2 (two) inches above the riser / tank seam. The water level shall be maintained 2 inches into the riser for a minimum of 2 hours. Any drop in the water level indicates leakage. The tank may be drained and the installer and tank manufacturer may make one attempt to repair the tank to make the tank watertight. The tank shall be retested according to the procedure specified above. If the tank leaks during the retest, it shall be removed from the site and replaced with a structurally sound watertight tank at no cost to the homeowner.



VeriComm® Control Panel
Model VCOM-AX20B1HTSA
(If this drawing is submitted, this control panel is used in lieu of panel on drawings 1, 2, or 3 of 5.)

Pump Discharge Control Panel Detail
Not To Scale



U.S. Patents-4,439,323
5,492,635-6,372,137-5,360,556
5,980,748-5,531,894- 5,480,561
Other Patents Pending
© 2005 Orenco Systems®, Inc

Designed By: **ENGINEERING**

Drawn By: **BEN SMITH**

Title: **Advantex® - AX20 Virginia**

Approved By: **DARREN SIMMIE**

Drawing: **4 OF 5**

Drawing No. **NDW-ATX-VA 5**

Date Approved: **3/09/2009**

Revision: **A-12**

Date: **3/03/2009**

Scale: **As SHOWN**



Orenco Systems®
Incorporated