



INFORMATION ABOUT ON-SITE SEWER FACILITY

USE OF THIS FORM BY PERSONS WHO ARE NOT MEMBERS OF THE TEXAS ASSOCIATION OF REALTORS®, INC. IS NOT AUTHORIZED.
©Texas Association of REALTORS®, Inc., 2004

CONCERNING THE PROPERTY AT 9440 E FM 321
Palestine, TX 75803

A. DESCRIPTION OF ON-SITE SEWER FACILITY ON PROPERTY:

- (1) Type of Treatment System: Septic Tank Aerobic Treatment Unknown
 LIQUID CHLORINE DISINFECTION
- (2) Type of Distribution System: LAWN SPRINKLERS - 3 Unknown
- (3) Approximate Location of Drain Field or Distribution System: Unknown
FRONT YARD 34' from driveway, 41' from sidewalk, then westward
35' middle unit, West 30' 3rd + last unit
- (4) Installer: GARRETT'S SEPTIC & EXCAVATION JACKSONVILLE, TX Unknown
- (5) Approximate Age: 3 YRS Unknown

B. MAINTENANCE INFORMATION:

- (1) Is Seller aware of any maintenance contract in effect for the on-site sewer facility? Yes No
If yes, name of maintenance contractor: _____
Phone: _____ contract expiration date: _____
Maintenance contracts must be in effect to operate aerobic treatment and certain non-standard on-site sewer facilities.
- (2) Approximate date any tanks were last pumped? 04-2019
- (3) Is Seller aware of any defect or malfunction in the on-site sewer facility? Yes No
If yes, explain: _____
- (4) Does Seller have manufacturer or warranty information available for review? Yes No
OWNER'S MANUAL

C. PLANNING MATERIALS, PERMITS, AND CONTRACTS:

- (1) The following items concerning the on-site sewer facility are attached:
 planning materials permit for original installation final inspection when OSSF was installed
 maintenance contract manufacturer information warranty information _____
- (2) "Planning materials" are the supporting materials that describe the on-site sewer facility that are submitted to the permitting authority in order to obtain a permit to install the on-site sewer facility.
- (3) **It may be necessary for a buyer to have the permit to operate an on-site sewer facility transferred to the buyer.**

(TXR-1407) 1-7-04 Initialed for Identification by Buyer _____, _____ and Seller MM, _____ Page 1 of 2

D. INFORMATION FROM GOVERNMENTAL AGENCIES: Pamphlets describing on-site sewer facilities are available from the Texas Agricultural Extension Service. Information in the following table was obtained from Texas Commission on Environmental Quality (TCEQ) on 10/24/2002. The table estimates daily wastewater usage rates. Actual water usage data or other methods for calculating may be used if accurate and acceptable to TCEQ.

<u>Facility</u>	<u>Usage (gal/day) without water-saving devices</u>	<u>Usage (gal/day) with water-saving devices</u>
Single family dwelling (1-2 bedrooms; less than 1,500 sf)	225	180
Single family dwelling (3 bedrooms; less than 2,500 sf)	300	240
✓ Single family dwelling (4 bedrooms; less than 3,500 sf)	375	<u>300</u>
Single family dwelling (5 bedrooms; less than 4,500 sf)	450	360
Single family dwelling (6 bedrooms; less than 5,500 sf)	525	420
Mobile home, condo, or townhouse (1-2 bedroom)	225	180
Mobile home, condo, or townhouse (each add'l bedroom)	75	60

This document is not a substitute for any inspections or warranties. This document was completed to the best of Seller's knowledge and belief on the date signed. Seller and real estate agents are not experts about on-site sewer facilities. Buyer is encouraged to have the on-site sewer facility inspected by an inspector of Buyer's choice.

Mary Ann Mctee 05-21-22
Signature of Seller Date

Signature of Seller Date

Receipt acknowledged by:

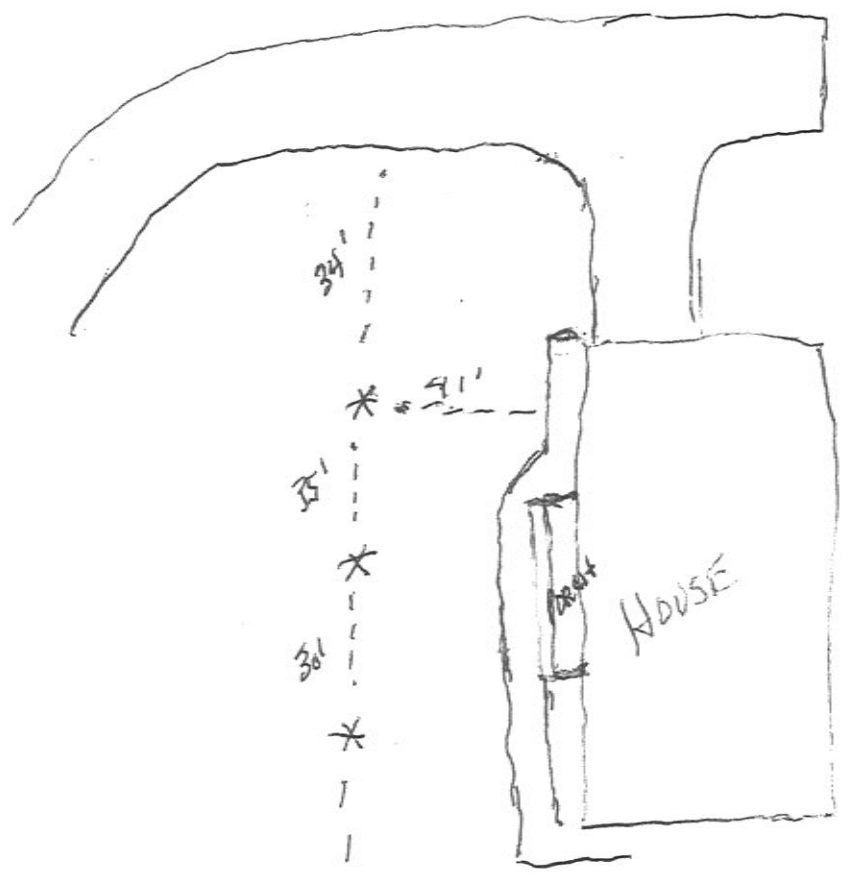
Signature of Buyer Date

Signature of Buyer Date

111

SEPTIC
SPRINKLERS
FRONT
YARD

N



S

SEPTIC

W



Certified to
NSF/ANSI Standard 42



Certified to
NSF/ANSI Standard 42

Chlorination Station

**Liquid Chlorine
Injection System for
Wastewater Disinfection**

Owner's Manual



Certified to
NSF/ANSI Standard 42



Certified to
NSF/ANSI Standard 42

Revised 06/13/2017

Owners Manual Model 200-1500 GPD

Manufacturer warrants the parts in each Chlorine Injector/Disinfection Device to be free from defects in materials and workmanship for a period of two years from date of installation to end user. Some states do not allow time limitations on implied warranties, so the above limitations may not apply. Sole obligation under this warranty is as follows: Manufacturer shall replace components F.O.B. factory if components are deemed faulty by the manufacturer, provided said components have been paid for and are returned through an authorized dealer, freight prepaid. Warrantee shall include Serial #, Installation Date and specify nature of the defect in writing to the manufacturer.

This warranty does not cover components, which have become contaminated due to improper installation procedures or obvious alterations or abuse.

This warranty applies only to the Chlorine Injector/Disinfection Device. No warranty is implied to cover any other components (ie. plumbing, treatment unit, wiring, irrigation disposal system etc.). Manufacturer is not responsible for any delays or damages caused by faulty components or materials, or for loss incurred because of interruption of service, or for any special or consequential damages or incidental expenses arising from the manufacturing, assembly, sale, or use of this device.

Manufacturer reserves the right to, revise, change, or modify the construction and design of the device or any component thereof without incurring any obligation to make such changes or modifications to previously sold devices. Manufacturer reserves the right, in making replacement component parts under this warranty, to furnish a component part, which in its judgment, is equivalent to the part to be replaced.

Thank you for purchasing a Chlorination Station liquid chlorine injector. It is "Simply The Best" Liquid Chlorine Injector/Disinfecting Device for secondary treated wastewater available on the market.

This is the **ONLY** chlorination device available on the market, which has been tested for wastewater "Disinfection" and has been proven to exceed all requirements of NSF Standard 46 for Chlorine "Disinfection" devices.

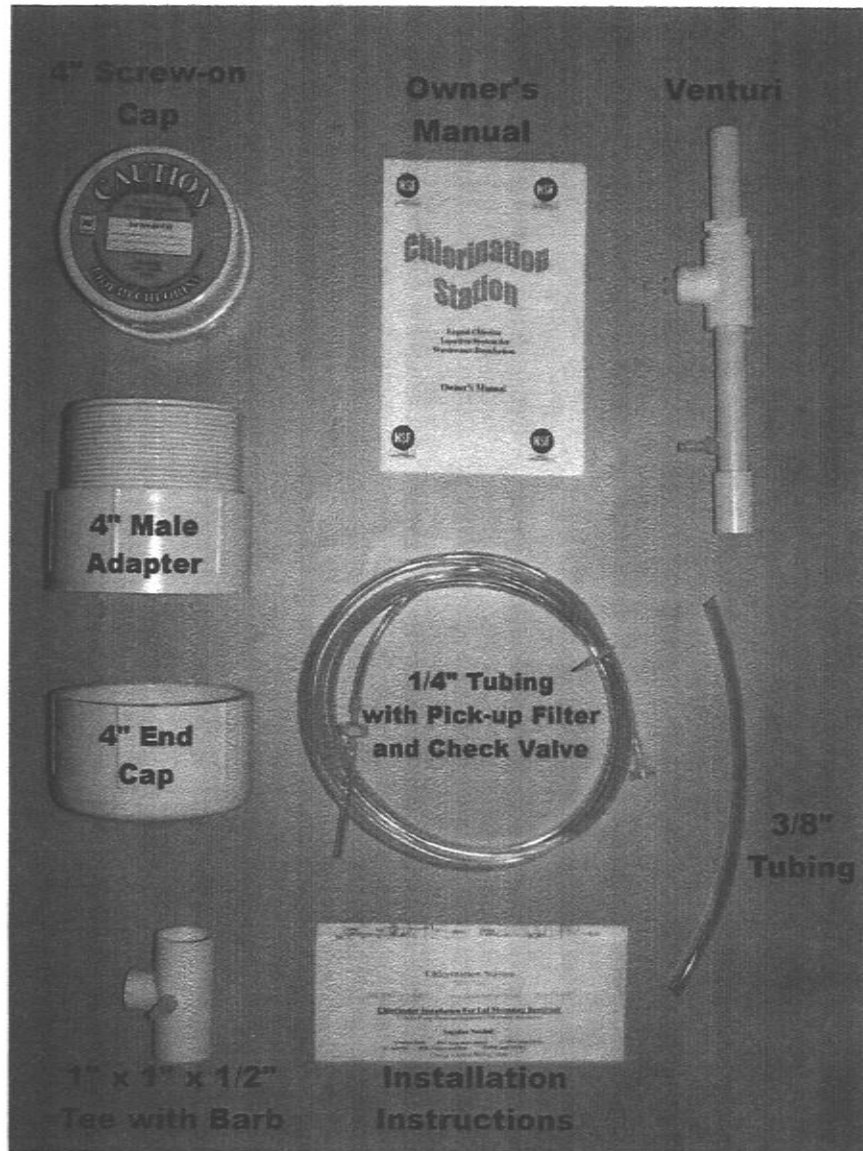
***ALWAYS USE CAUTION WHEN
SERVICING OR FILLING***

How this Unit functions:

When the spray pump is activated a portion of the effluent being discharged to the disposal area is diverted through a venturi type assembly and returned to the pump tank. The siphon action created by the venturi pulls liquid chlorine thru the vinyl tubing, which terminates in the chlorine storage reservoir (typically a PVC pipe) where an orifice is located on the end of the tubing. The orifice controls the amount of chlorine flowing into the venturi and the discharged stream of effluent being returned back into the pump tank. The orifice has been sized to allow adequate amounts of chlorine to be injected into the secondary treated effluent, which has been discharged from any treatment device or unit that meets NSF Standard 40 requirements. The consumption of chlorine is determined by the length of time the spray/discharge pump runs.

Operating Instructions

Chlorinator Components



When installed and Maintained as designed, this Device should exceed all NSF Standard 46 requirements for Chlorine Disinfection of secondary treated wastewater effluent. The Chlorine Injector/Disinfection device will typically use between Two (2) and Four (4) gallons of liquid bleach per month for a typical residence (actual usage varies with daily water usage from establishment).

At a minimum, **twice monthly**, the Homeowner should check the liquid chlorine level in the storage reservoir. If the chlorine level has not changed from the previous inspection, please refer to data/service plate on the reservoir top and notify your service provider of a possible malfunction.

It is the Maintenance Providers responsibility to ensure the device is operating properly during the routine maintenance visit (approximately every 4-6 months depending on maintenance schedules required by Regulatory Agencies) as well as to check for chlorine residual at time of visit.

If a failure occurs, repairs shall be done **ONLY** by persons having an approved state license or homeowners having been to state approved maintenance providers courses to service and repair aerobic wastewater systems. The Maintenance provider shall refer to the "Diagnostic and Repair" page on our web site for detailed diagnostic procedures. (www.liquidchlorination.com)

Homeowner should replenish contents in reservoir as needed, using 6.00 – 8.00% Sodium Hypochlorite (Household Bleach). Full or Maximum operating level in the reservoir should be at or slightly below where the 1/4" vinyl tubing and check valve attaches to the top barb fitting on the venturi.

***NEVER USE GEL TYPE BLEACHES ***

***NEVER USE GEL TYPE BLEACHES ***

For weekend or vacation homes or after extended periods of "non-use", the Homeowner should pour approximately ¼ gallon of bleach into the "Storage/Pump Tank". This will help to disinfect any residual bacteria, which may have accumulated during the period of "non-use".

EPA Guidelines state a minimum of 15 minutes contact time is required at 0.5 ppm chlorine residual to achieve satisfactory reduction in bacteria levels. Longer contact time, approximately 30 minutes between secondary treated wastewater and stored "Chlorinated" water in pump tank is recommended to further ensure disinfection before discharging the effluent.

A minimum pump tank size of 300 gallons should be utilized for proper operation.

Warranty Registration

OWNER COPY:

Installer Name: _____

Installer Phone No. _____

Date Installed: ____/____/____

Owner Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Serial No.: _____

(Located on the side of the filler cap)

**RETURN THIS PAGE TO
MANUFACTURER FOR
WARRANTY REGISTRATION**

Chlorination Station
1514 Dodge Lane
Wallis, Texas 77485

MANUFACTURER COPY:

Installer Name: GARRETT'S GENERAL CONSTRUCTION
PHILIP GARRETT

Installer Phone No. 903 393-8333

Date Installed: 04 / 23 / 2019

Owner Name: GLENN R. McTEE

Address: 9440 E FM 321

City: PALESTINE State: TX Zip: 75803

Serial No.: 17247

(Located on the side of the filler cap)

*Mailed
5-2-19*

Chlorination Station

Wallis, Texas

(979) 478-7256 Voice Mail

www.liquidchlorination.com

(936) 672-0927

Chlorinator Installation For Lid Mounting Reservoir

Contact/Pump Chamber Required (300 Gallon Minimum)

Supplies Needed:

Cheap Cotton String Mop

Cordless Drill
7/32" drill bit

PVC Glue and Cleaner
PVC Cutters and Saw

½" PVC pipe (10 ft.)
4" PVC pipe (10 ft.)

!!!! TURN OFF POWER FIRST!!!!

Venturi Assembly

With PUMP TANK RISERS installed to finished grade; Install the Venturi assembly into the discharge pipe from the pump using the supplied reducing "T" w/ barb fitting. Place the reducing "T" between the union and the poly riser on the discharge pipe to the sprayfield with the ½" opening facing down. Glue the Venturi assembly and re-circulation pipe into ½" opening of "T". For deep installations (ie. 2 or more risers on pump tank) install the 1"x1/2" reducing "T" with the ½" opening facing up. Measure from the ½" opening in the "T" to the top of the riser. Glue together 2, ½" 90° elbows using about a 3" length of pipe to separate the elbows. Glue a length of ½" pipe into one of the elbows and cut to the proper length to fit between the "T" and the top of the risers (be sure to allow adequate clearance for the top to fit back securely on the riser). Glue the assembly into the reducing "T" bringing the elbows as close to the top of the risers as possible, without interfering with the lid of the riser. *Attach an appropriate length of ½" pipe into the coupling on the Venturi assembly making sure re-circulation pipe goes about 4" from bottom of tank. *Attach 3/8" vinyl tubing from Venturi assembly to barb fitting on reducing "T" (If previous two steps are not done, chlorinator WILL NOT function properly!!!)

Storage Container Assembly with Precast Coupling

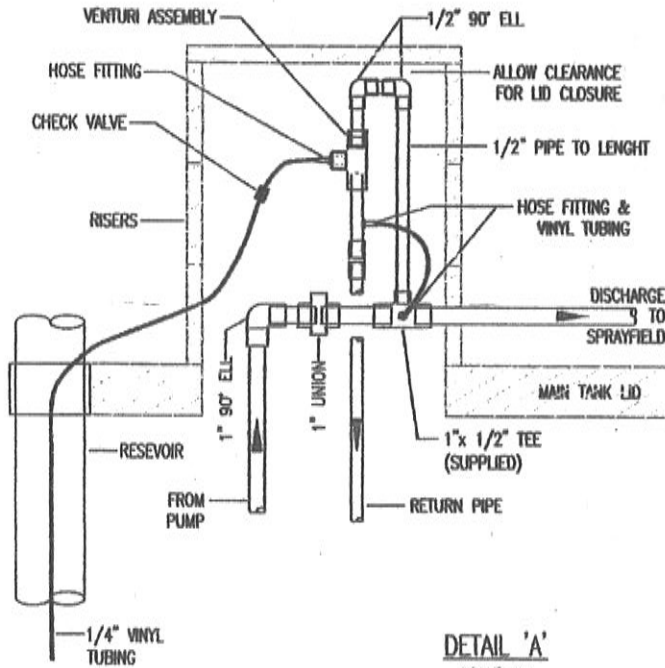
Measure from the bottom inside of pump tank to bottom of tank lid; subtract 3 1/2", cut 4" pipe to this measurement. **!!DO NOT SKIP THIS STEP!!** *After first cleaning dirt and debris from inside of pipe (this is easily done using a cheap mop)* glue bottom cap onto pipe. Glue pipe to coupling cast into lid from the inside of the tank. Measure from inside the coupling in the top of the tank lid to finished grade of soil, add enough to your measurement to allow for importing soil and final grading site (6" or more above final grade is recommended) and cut pipe to this length attach male adapter with threaded cap to top of storage container. (Storage container can also be installed in the excavation at the end of the pump tank)

¼" Vinyl Tubing / Filter

The outlet hole for the vinyl tubing from the Storage Container should be drilled with a 7/32" bit about 1"-2" below the level of the small barb fitting on the Venturi inlet, drill hole at a downward angle toward the inside of the storage container. Cut the ¼" vinyl tubing, opposite end from the filter assembly at a long angle and force the cut end through the hole from inside of the storage container to the outside, (making sure filter assembly lays on the bottom of the storage container) pull remainder of tubing outside the storage container, to be attached to the Check-valve/Venturi assembly. Drill a 7/32" hole through the riser, run 1/4" tubing from storage container thru riser to Venturi assembly. After square cutting end of tubing, attach tubing to the Check-Valve/Venturi assembly. (DO NOT PUT ANY METAL *EVEN STAINLESS* INSIDE STORAGE CONTAINER)

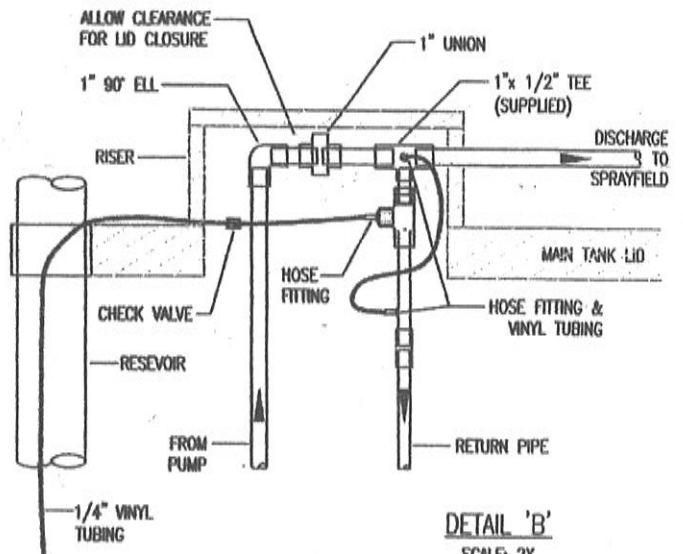
Fill Storage Container with **6.00 – 8.00%** Sodium Hypochlorite (Household Bleach) **TO PREVENT SYPHONING DO NOT FILL STORAGE CONTAINER ABOVE LEVEL OF SMALL BARB ON VENTURI.**

DEEP TANK INSTALLATION SCHEMATIC

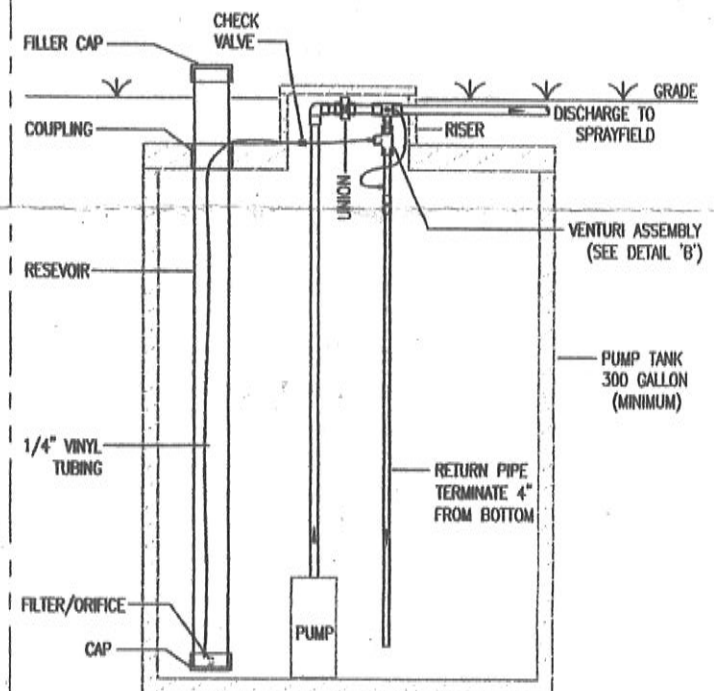
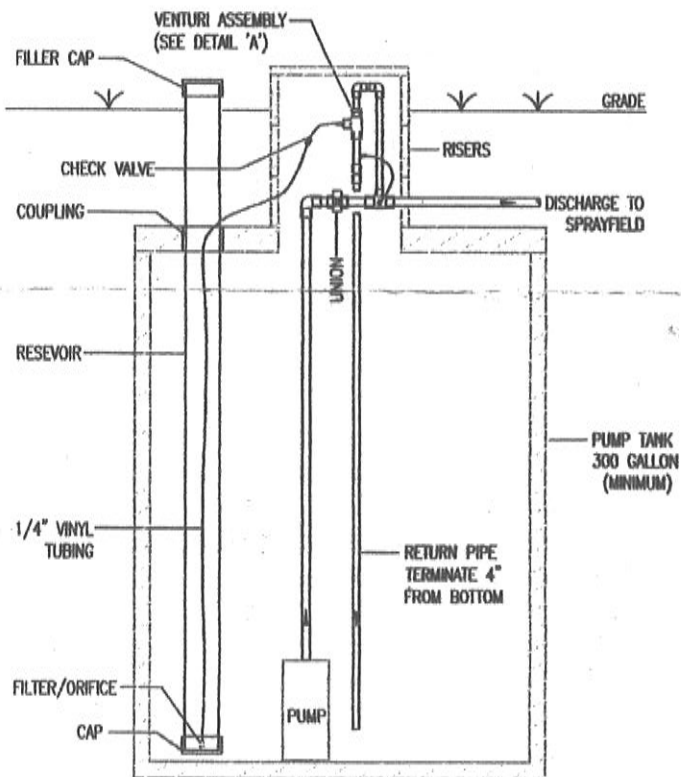


DETAIL 'A'
SCALE: 2X

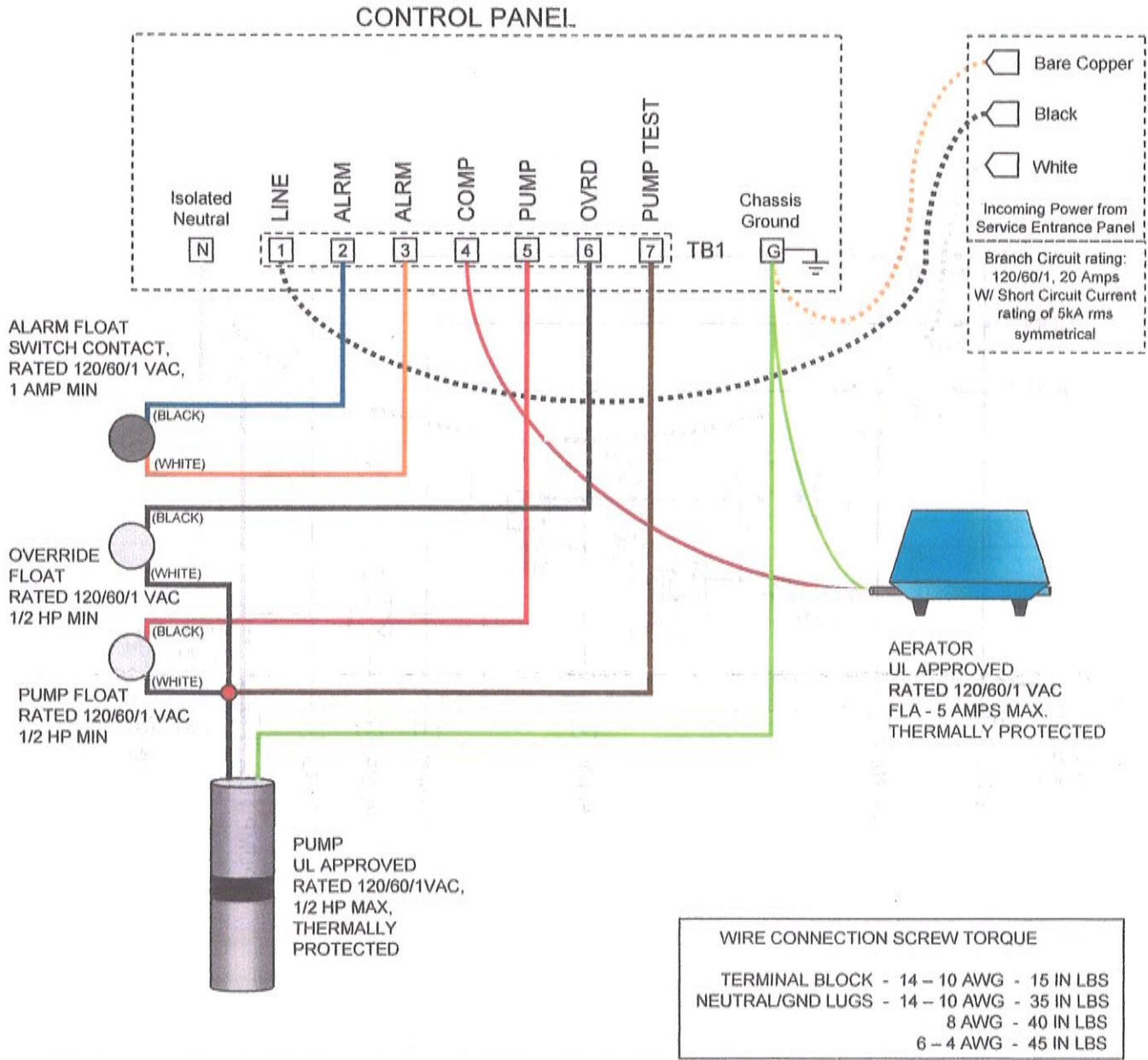
TYPICAL INSTALLATION SCHEMATIC



DETAIL 'B'
SCALE: 2X



CHLORINATION STATION

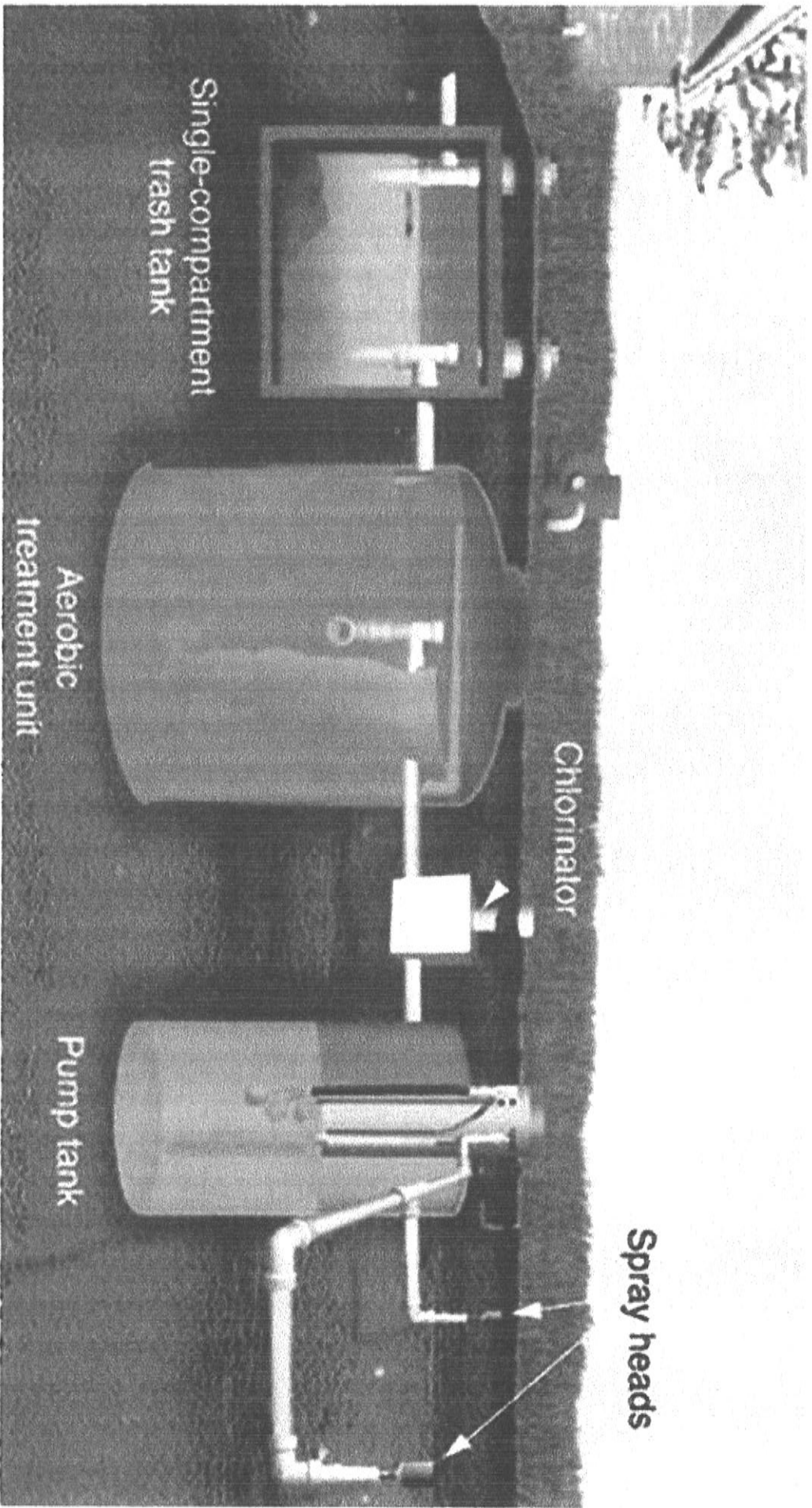


Notes for field installed components:

1. Main Disconnect, Branch Circuit Protection, wiring and external components to be provided by installer.
2. Field wiring - #12 - #10 AWG, 60°C min, use copper conductors only.
3. Field installed conduit fittings must be rated for use with Type 4X Enclosure.
4. Refer to local codes for float placement. Some jurisdictional authorities require the override float to be located above the high water alarm float.
5. **Conduit openings must be sealed around wiring with an electrical grade (non-corrosive) sealant to prevent potentially harmful vapors from entering the control panel.**

Copyright Notice

All information contained on this page is proprietary to Ecological Tanks, Inc. and no part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior written permission of Ecological Tanks, Inc.



24 Hr. Timer Instructions

9/27/04

Time Setting

The clock measures time for a 24 hour day with the hour numbers shown on the outer dial. The dial has an "AM" or "PM" at the 6 o'clock position for each half of the day. The clock also has hour & minute hands with the 12, 9 & 6 o'clock numbers shown on the inner dial.

To set the time, turn the outer dial gradually **CLOCKWISE** until the correct time of day on the outer dial is aligned with the **Index Triangle** on the inner dial (located at the 2 o'clock position). The hour hand should show the correct hour. For the minute setting, turn the minute hand **CLOCKWISE** to the exact time of day.

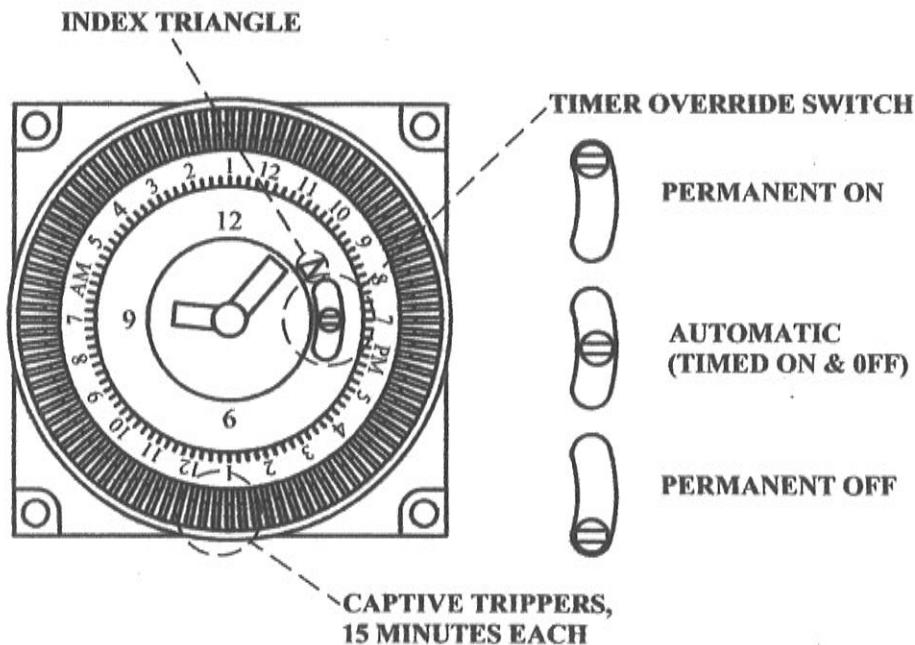
Programming

The time switch is programmed by pushing the **Captive Trippers** to the outer ring position for the entire time that the pump is to be turned "ON". Trippers function when they are aligned next to the **Index Triangle** on the inner dial. Each Tripper controls the pump for 15 minutes. The pump will be "OFF" for each Tripper pushed to the inside ring. The time of day that each Tripper will control the pump is shown by the hour number and quarter-hour marks next to it on the outer dial.

Automatic Mode

In order for the timer to control the pump in the automatic mode, the **Timer Override Switch** must be in the "AUTOMATIC" position as shown in the picture below. The top or "1" position is a manual override that allows the pump to be controlled solely by the float switch and the bottom or "0" is the "OFF" position. In the "OFF" position, the timer will continue to run but the pump will not turn on.

NOTE: Placing the switch in the "1" (PERMANENT ON) position will turn the pump on immediately provided there is enough water in the tank to trip the float switch.



C-IP-009

All information contained on this page is proprietary to Ecological Tanks, Inc. and no part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior written permission of Ecological Tanks, Inc..