



*HydroCycle 9"
Pro NFT Deep System*



113702

Designed to grow healthy plants without soil using mineral-nutrient solutions.

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WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Important Information

READ THIS DOCUMENT BEFORE YOU BEGIN

Thank you for purchasing this NFT system. When properly assembled and maintained, this system will provide years of reliable service. These instructions include helpful hints and important information needed to safely assemble and properly maintain the system. Please read these instructions **before** you begin. If you have any questions during the assembly, contact Customer Service at 1.800.245.9881 for assistance.

SAFETY PRECAUTIONS

- Wear eye protection.
- Wear gloves when cutting pvc tubing.
- Use a portable GFCI (Ground Fault Circuit Interrupter) when working with power tools and cords.

REQUIRED TOOLS

The following list identifies the main tools needed for assembly. Additional tools and supports may be needed.

- Tape measure, marker, and chalk line
- Variable speed drill (cordless with extra batteries works best)
- Hammer and gloves
- Long level to set tank
- Utility knife
- Adjustable pliers and assorted hand tools common to plumbing and electrical work
- 1-3/8", 2-1/2", 3", and 5" hole saws and 7/8" Forstner bit (required)
- 9/32" drill bit



ASSEMBLY PROCEDURE

Following the instructions as presented will help ensure the proper assembly of your NFT system. The steps outlining the assembly process are as follows:

1. Verify that all parts are included in the shipment. Notify customer service for questions or concerns. See below.
2. Read and understand these instructions and the information included with the shipment **before** you begin.
3. Gather the tools and assistants.
4. Assemble the system.
5. Use the system.

UNPACK AND IDENTIFY PARTS

The following steps will ensure that you have all the necessary parts **before** you begin assembly.

1. Unpack the contents of the shipment and place where you can easily inventory the parts. Refer to Bill of Materials/Spec Sheets.
2. Verify that all parts listed on the Bill of Materials/Spec Sheets are present. If anything is missing or you have questions, consult the Pictorial Parts Guide and all diagrams for clarification, or contact Customer Service.

NOTE: At this time, you do not need to open the plastic bags containing smaller parts such as fasteners or washers (if equipped).

 **WARNING:** Enlist the services of an experienced electrician when connecting power to the pump and other electrical devices—required.

All wiring to be completed according to established codes and practices.

 **DROWNING HAZARD:** Never leave the tank cover off when tank is unattended. Never allow children or others within the boundary of the pump station at any time.

Always have an assistant present when completing tank cleaning and system maintenance to prevent accidents.

Disconnect the pump when performing any system maintenance.

FERTIGATION SYSTEMS

A fertigation system can be connected to your NFT system to provide constant control of pH and nutrient levels in the nutrient tank.

Remember to allow space to mount the system when preparing the pump station site.

To assemble and connect a fertigation system to this NFT system, consult the information provided with the fertigation system.

NOTE: Additional pvc tubing and fittings may be required to connect the fertigation system. Purchase locally or call your sales representative for additional information.

Important Information

PICTORIAL GUIDE

The following graphics and photos will help identify the different parts of the NFT system. (Some parts may not be shown.) **Keep all fittings in the shipping bags until they are needed.**



ATTENTION: A 7/8" Forstner bit is required to drill the holes to install the 111598 grommets. **This bit is not included.**



WF1384



111045



WF6777



WF2350



WF6671



WF1982



WF1574



110730



111048



111598



111599



111698



AC2804



WF4067



111580



111150



WF3511



111623



111624 & 111625



111626



111151 Strainer



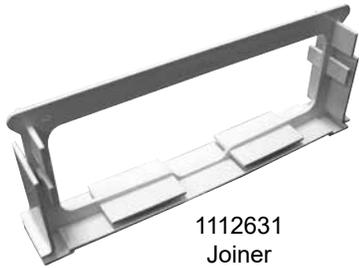
111146 Pump



111160
2" Dual Lite Disc Filter

Important Information

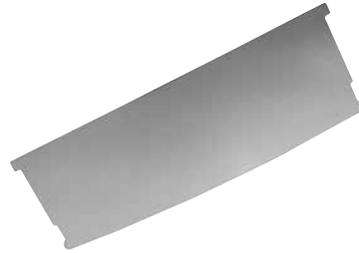
PICTORIAL GUIDE (continued)



1112631
Joiner



112633
End Cap w/ Outlet



112632
End Cap No Outlet



CC2652



111154 Strainer



110743
3MM Punch



WR1095 Tape



Plastic Pipe and
Tube Cutter



112509
Adhesive



WF6990 PVC Cement and
113372 Purple Primer

PVC PRIMER & PVC CEMENT

Follow all directions printed on pvc primer and cement containers. **Purple color of primer does not fade!** Use caution during application to reduce spills and over application at joints.

Prime all joints before assembly.

IMPORTANT: Do not use WF6990 PVC cement to attach end caps to the GT80 channels. **Use the 112509 adhesive only.**



111627
3/4" White Polyethylene Tubing



111157 (550 Gallon Tank)



ATTENTION: Install all fittings so they are fully inserted into the 3/4" tubing. Use a hair dryer or hot water to gently heat the tubing for easier installation. Do not overheat!

Getting Started

ASSEMBLY PROCEDURES

Below are the main steps to assemble the NFT system. Procedures can occur simultaneously when assistants are available, or each procedure can be completed before moving onto the next. In most instances, the site and available space drive which procedures can be completed first before moving onto the next. Review this entire guide before beginning to ensure that you understand how to position and connect the different components.

1. Review this guide and all sample layout diagrams and prepare the site.
2. Prepare and set the nutrient tank in position as shown in the diagrams.
3. Assemble and connect all pump, filter, and tank plumbing.

NOTE: If a fertigation system is used for the system, identify where that system will be mounted and where the storage tanks will be set. Review the photos near the back of this guide for an example. Follow the instructions provided with the fertigation system to properly connect it to your NFT system.

4. Determine the materials needed to support the individual NFT channels.
5. Assemble all NFT channels and position on the customer-supplied supports.
6. Assemble and install the 4" return line from the channels to the tank.
7. Assemble and connect all 3/4" and 1-1/2" supply lines to the NFT channels and connect to the pump station.
8. Add solution to tank, prime the pump according to pump documentation, and test system. Check for leaks and proper flow to each NFT channel.
9. Read and follow the care and maintenance information.

 **WARNING:** Enlist the services of an experienced electrician when connecting power to the pump and other electrical devices. All wiring to be completed according to established codes and practices.

 **DROWNING HAZARD:** Never leave the tank cover off when tank is unattended. Never allow children or others within the boundary of the pump station at any time. Always have an assistant present when completing tank cleaning and system maintenance to prevent accidents. Disconnect the pump when performing any system maintenance.

BASIC CARE AND MAINTENANCE

Daily

1. Check all 1/4" supply tubes at each channel to ensure proper flow. Clean and replace as needed.
2. Check all fittings, tubes, and pipes for leaks.
3. Check pump and filters for leaks.
4. Ensure that the by-pass and recirculation valve is set properly to allow solution to flow back into the tank.
5. Check pressure gauges to ensure a constant pressure across the filter.
6. Check PH/EC/TDS levels in the tank according to requirements for the plants that are growing.
7. Inspect all electrical connections and wires for damage or corrosion.

Weekly

1. Disassemble and clean the 111160 disc filter according to the instructions sent with the filter.
2. Inspect the inside of the tank to ensure that there is no excess plant debris.

ATTENTION: Do not check tank without an assistant present. Keep the cover tightly in place at all times. Do not allow children or others near the tank during inspections and scheduled maintenance.

Monthly

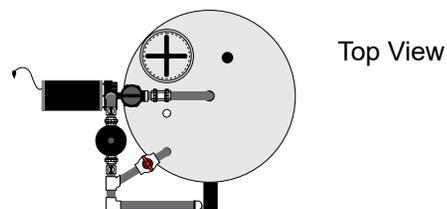
1. Clean the 111154 strainers inside the tank. Excess plant matter can clog strainers and may be an indication of distressed crops. Perform this procedure more often if needed.
2. Inspect the exterior and top of tank.
3. Keep pump station and surrounding areas free of excess debris and other materials common to a growing facility.
4. For best results, drain and clean the inside of the tank at least 2-4 times a year depending on conditions.
5. Check drain tube. Clean and sanitize as needed for best results. Check drain tube slope to ensure proper drainage of tube.

Sample Layout (Top & Side Views)

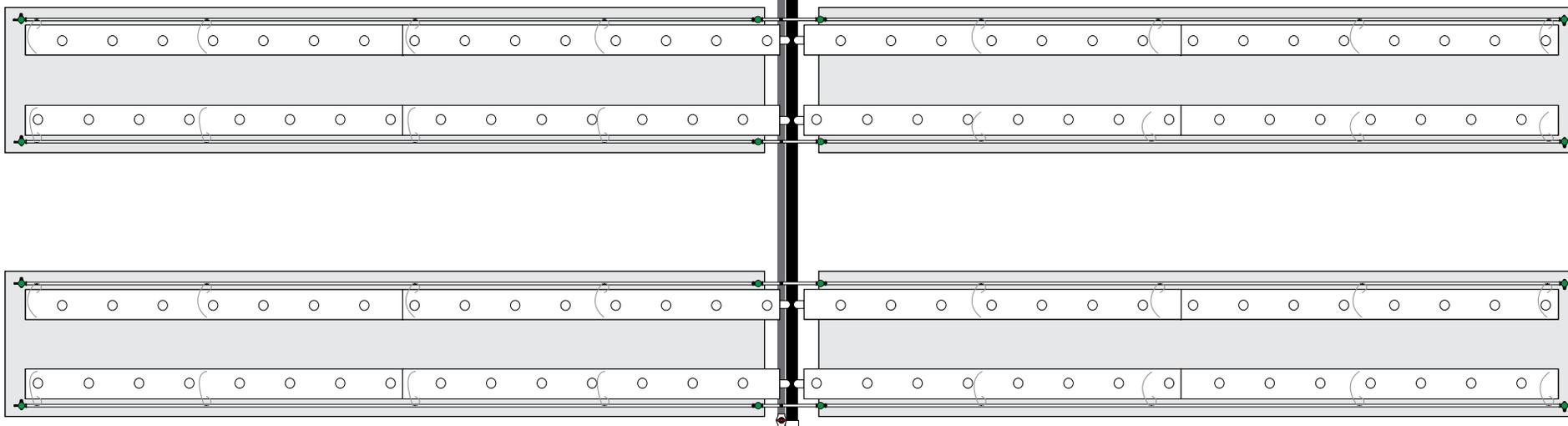
The diagram below shows one way to position the NFT channels, work areas, and 10' x 10' pump and tank area. Use this diagram when planning to assemble your NFT system. Review all diagrams and photos in this guide before you begin. Building size and contents may require adjustments of the layout. Changing the layout may require additional materials for connections, plumbing, and electrical components. Materials can be purchased locally, or contact your sales representative for additional purchases. Customer is responsible for all additional materials. These are not included.

ATTENTION: Customer is responsible for supplying the necessary materials for and to construct a platform for each set of 20' channels. System is designed to allow channels to drain into the 4" drain tube, which is placed on the finished grade. To ensure proper drainage and assembly, the 20' channels must be higher than the 4" drain tube. See Side View below. **Recommended slope from the high end of the 20' channel to the drain or low end is 2" - 4".**

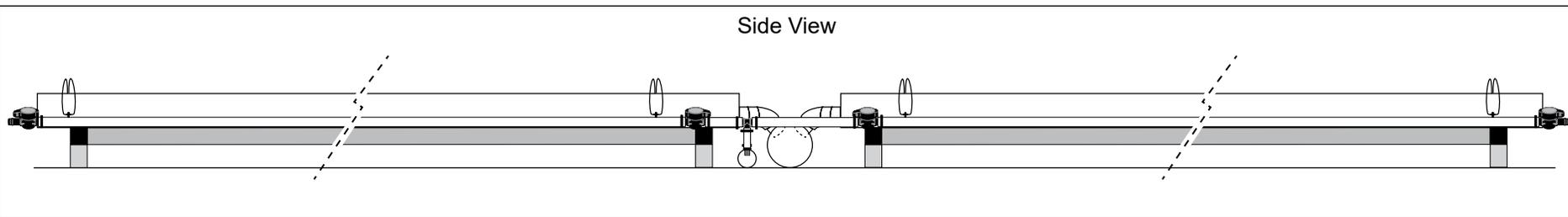
IMPORTANT: Shaded areas in the Top View diagram below represent the customer-supplied platforms used to support the individual channels throughout their length. If full supports are not used, support each channel every 2' to 3' to prevent deflection and to promote adequate drainage. Full supports as shown are best for channel performance and optimum plant growth. Recommended slope is 2" to 4" depending on plants and root mass.



Top View



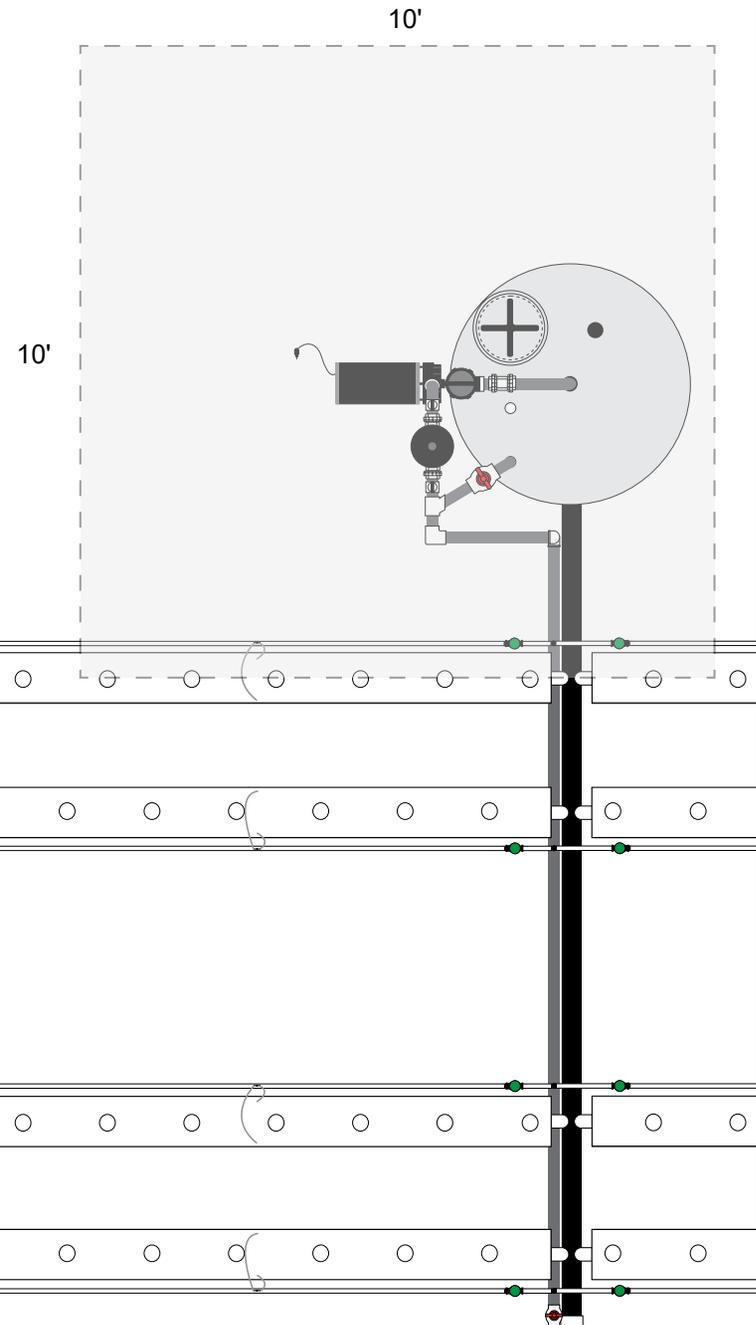
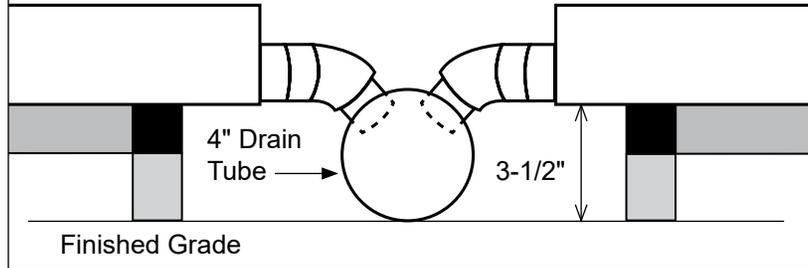
Side View



Sample Layout

Below is a sample layout. When constructing supports for the channels, ensure that the supports slope toward the 4" drain tube. See diagram that follows.

When building platforms to set channels on, ensure that the dimension from the finished grade to the top of the platform is 3-1/2". This is at the low/drain end of each channel where 4" drain tube is placed. Channels must slope toward the drain end.



Prepare Site and Set Tank

1 Site preparation is important. Review the photos below and enlist the help of a professional contractor when setting the tank. Tank must be set inside a concrete sleeve or similar structure. *Tank is not designed to be buried without a protective bunker; it is not an underground tank.*

IMPORTANT: Before setting the tank in the sleeve, ensure that the sleeve is free of rocks or other debris that could puncture the tank when it is filled.



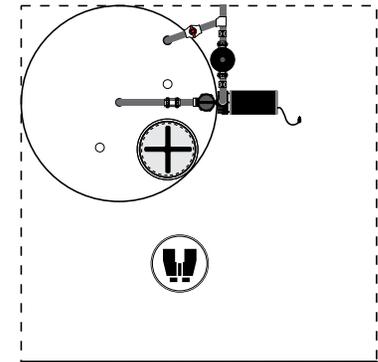
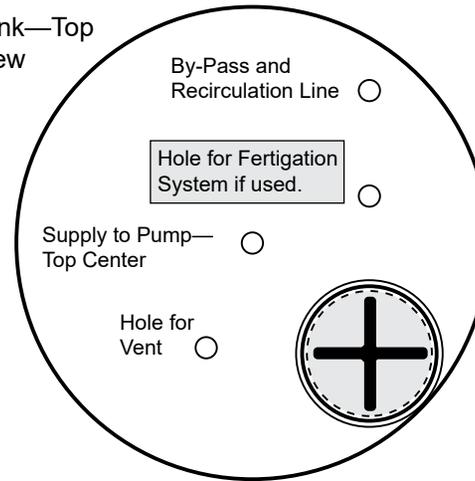
Pump and Tank Plumbing Views

2

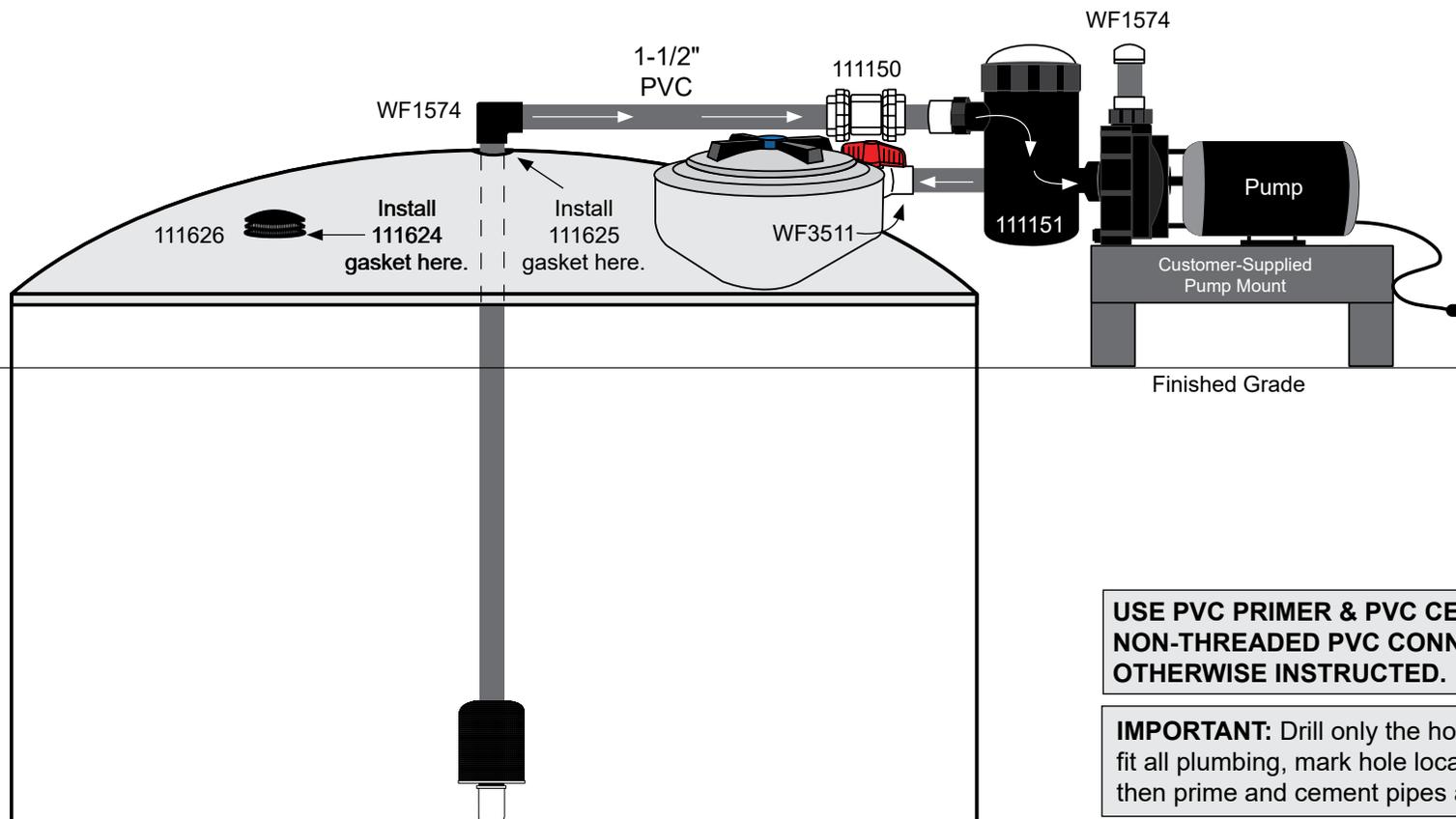
Assemble the pump station as shown. Review the following information before you begin:

- Drill all holes in the top of the tank after the tank is set and in its final position. See diagram to the right. *Do not drill the fertigation hole if fertigation system is not used.*
- Use a 2-1/2" hole saw to drill all holes for the 1-1/2" pvc pipe.
- Use a 3" hole saw to drill all holes for the 2" pvc pipe.
- Use a 5" hole saw to drill the drain return hole for the 4" pvc tube.
- Install all gaskets before you insert pvc pipe.

Tank—Top View



Greenhouse Back Wall—Top View



USE PVC PRIMER & PVC CEMENT FOR ALL NON-THREADED PVC CONNECTIONS UNLESS OTHERWISE INSTRUCTED.

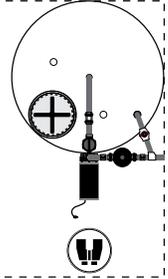
IMPORTANT: Drill only the holes that are needed. Dry fit all plumbing, mark hole location, drill hole, check fit, then prime and cement pipes and fittings as needed.

Pump and Tank Plumbing Views

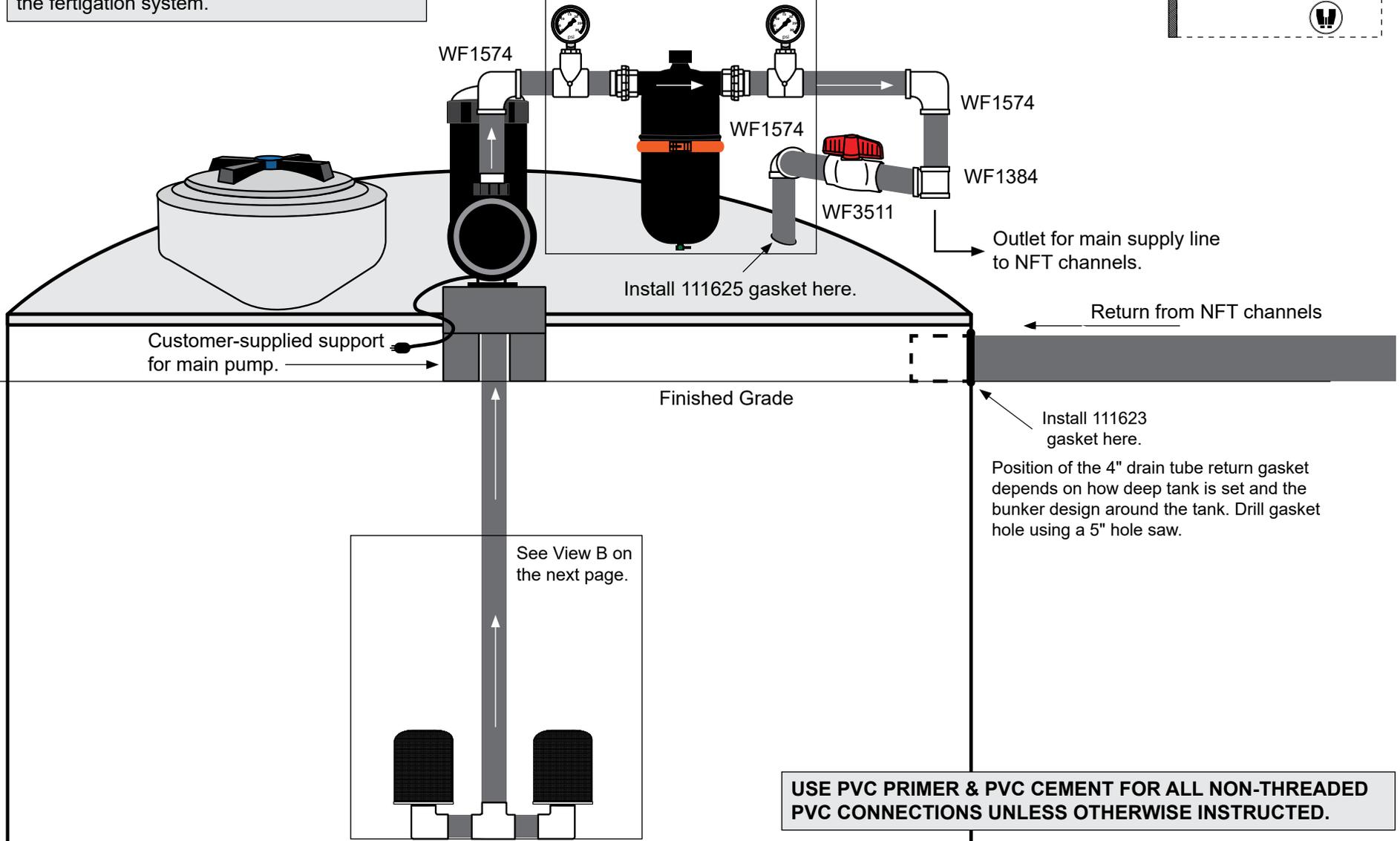
2

FERTIGATION SYSTEMS: To assemble and connect a fertigation system to this NFT system, consult the information provided with the fertigation system.

Greenhouse Back Wall-Top View



See View A on the next page.

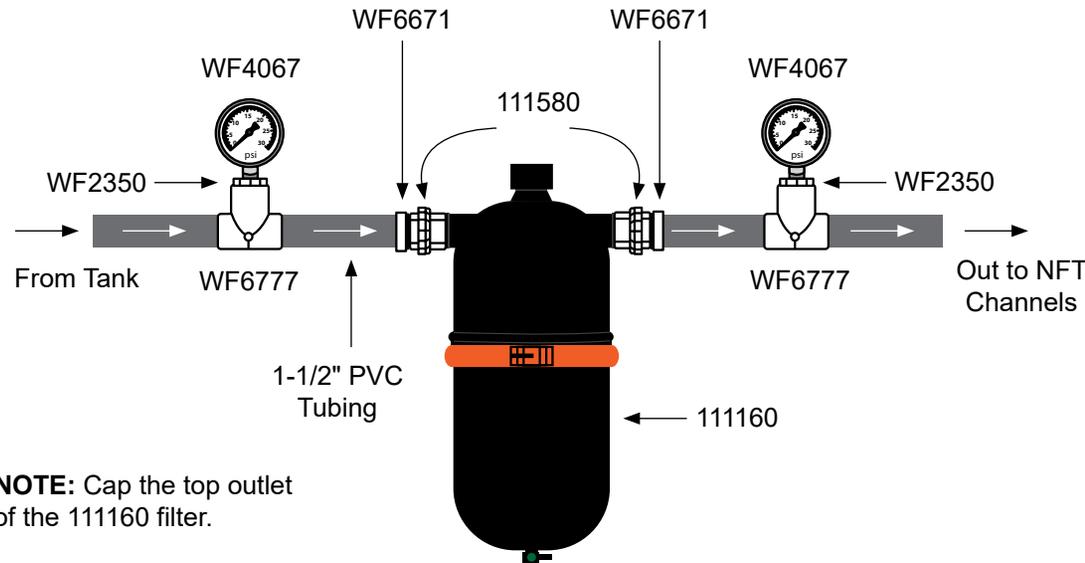


USE PVC PRIMER & PVC CEMENT FOR ALL NON-THREADED PVC CONNECTIONS UNLESS OTHERWISE INSTRUCTED.

Pump and Tank Plumbing Views

2

View A



ATTENTION: During assembly, wrap all fitting threads with tape before connecting the different parts. (Does not apply to fittings inside the tank.)

Install filter at a height that allows disassembly and cleaning of the filter.

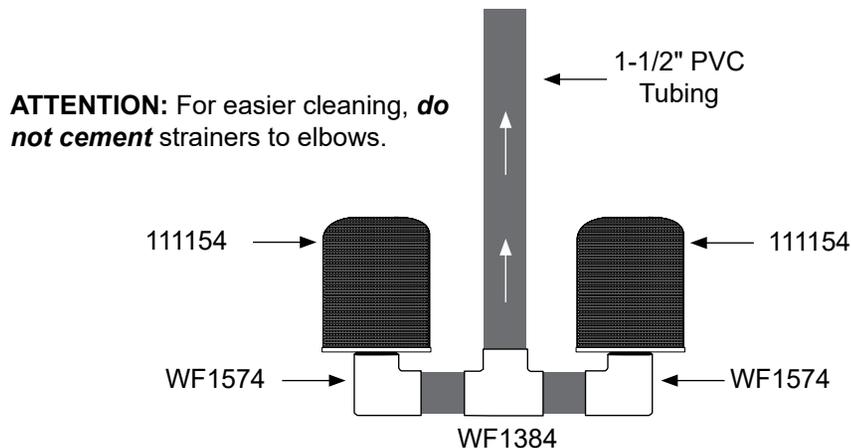
Secure all pvc fittings using pvc primer and pvc cement. Apply according to the instructions included with those products. See note below for the assembly inside the tank.

During the installation of the 111160 filter, confirm water flow direction and install filter accordingly.

IMPORTANT: Do not cement the fittings for the in-tank assembly. This assembly may need disassembled and removed from the tank for maintenance.

Before assembly, measure the main access hole to determine the maximum width of the in-tank assembly.

View B—Inside Tank Assembly



PVC PRIMER AND PVC CEMENT

USE PVC PRIMER & PVC CEMENT FOR ALL NON-THREADED PVC CONNECTIONS UNLESS OTHERWISE INSTRUCTED.

ASSEMBLY NOTE: These diagrams identify the recommended assembly configurations. Slight changes may be necessary due to the specifics of each individual building and related systems.

Additional fittings and pvc may be needed if changes are made to these suggested assemblies. Contact your sales representative for information and to purchase additional parts if needed.

Assemble NFT Channels

3

ASSEMBLE THE 112625 10' NFT CHANNELS

ATTENTION: Each 20' NFT channel assembly includes one 112633 end cap with an outlet and one 112632 plain end cap.

Complete these steps:

1. Assemble channels on a flat surface. Take two (2) 112625 10' channels and attach one 112632 end cap to one channel and one 112633 end cap to the other channel using the 112509 adhesive. See photos A through D. Apply adhesive inside and outside the channel.

! Apply adhesive in a well-ventilated area. Read the container information for additional precautions.

2. Set channels aside and allow adhesive to dry.
3. Take the remaining channels and end caps and repeat Steps 1-2 to attach the end caps to the channels—one end cap per channel.

NOTE: Be sure to coat all edges and seams of the end caps as shown to prevent leaks. See photos E and F.

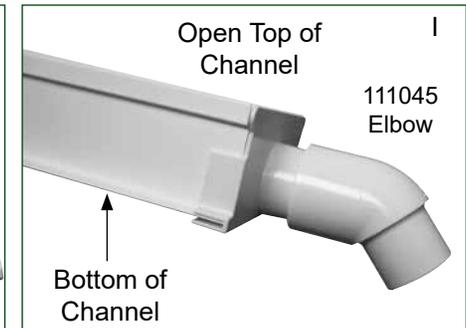
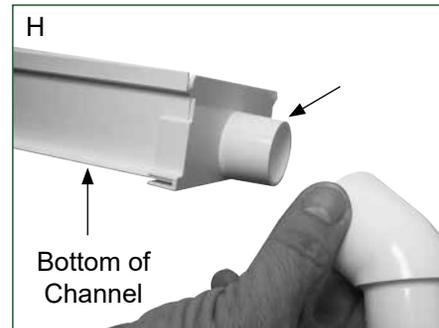
4. After adhesive has set, take one 112631 joiner and connect two (2) channels to create a single 20' assembly. (See photo G.) One channel should include a plain end cap and one channel should include an end cap with an outlet.

ATTENTION: Do not connect two channels that have the same end cap. Use assistants to help move and flip the channel.

5. Set the 20' channel in position where it will be used and allow adhesive to dry. *Position the end cap with the outlet where the 4" pvc drain pipe will be.*
6. Repeat the steps to construct the remaining 20' channels. There will be eight (8) 20' channels for this system.
7. Finally, slide a 45° elbow (111045) onto each end cap. Install fitting with the open end pointing down in the 6:00 o'clock position. See Photos H & I. Repeat to install all elbows.

NOTE: Do not cement elbow to end cap at this time. If connection leaks, remove elbow, dry the surfaces, and secure elbow using pvc primer (113372) and pvc cement (WF6990).

8. Continue with the next procedure.



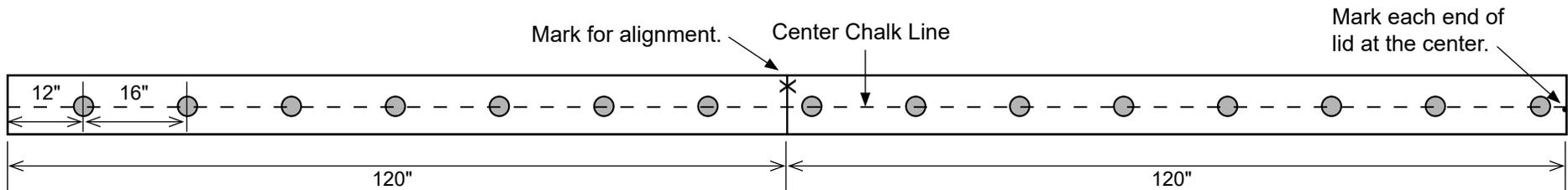
Prepare Channel Lids

4

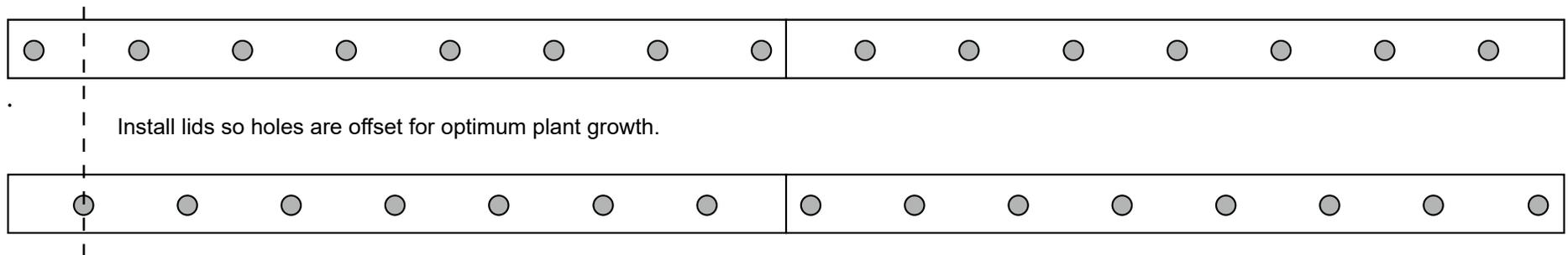
PREPARE THE 10' CHANNEL LIDS (112626)

For this NFT system, channel lids are without plant holes. Hole spacing and size can vary depending on what plants are grown and size of plant medium. Typical spacing for 3" holes is 16" on-center for growing tomatoes. If your intended crop requires different hole size and spacing, adjust as needed. Complete these steps to prepare lids:

1. Select two (2) of the 10' channel lids (112626), place end-to-end on a flat surface, and mark the center of the top at each end.
2. Take a chalk line filled with non-permanent chalk, stretch it from end-to-end, align with the center marks, and snap the line.
3. Mark the center of the first hole at 12" from the one end. From that mark, mark the remaining hole positions at 16" on-center along the chalk line. There will be fifteen (15) holes for each 20' channel. Mark lids at the joint where they meet to ensure correct alignment when installing on the 20' channel.
4. Place lids on scrap plywood (or similar material) for backing (if desired) and drill holes at each mark using a 3" hole saw bit.



5. Rinse the lids to remove all shavings so these will not plug the nutrient circulation system. Install this first pair of 10' lids on one 20' channel. Use the alignment mark when snapping lids on channel to ensure proper hole spacing and assembly.
6. Repeat steps to drill the remaining lids and install these on the remaining channels. For best growing results, install the lids on adjacent channels so holes are offset as shown in the diagram below.



7. Continue with the next procedure.

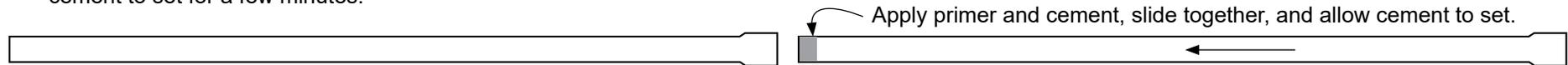
Prepare and Install 4" Drain Tube

5

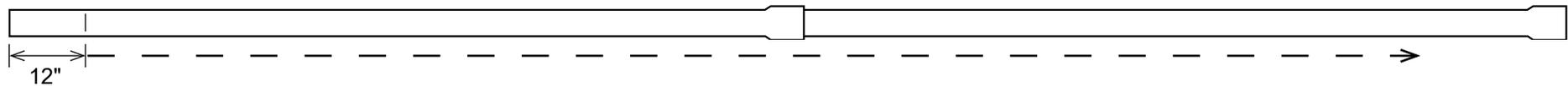
PREPARE AND INSTALL 4" PVC DRAIN TUBE

Two 10' sections of 4" pvc are included for the drain tube. This tube runs between the two banks of channels and back to the in-ground tank. Consult the sample layout diagram presented earlier in this guide for typical location. Complete these steps:

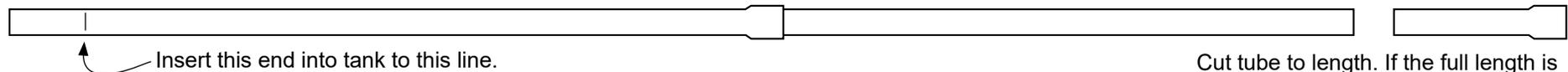
1. Using the pvc primer and pvc cement, connect the two pieces of 4" pvc (CC2651) by sliding the plain end of one into the belled end of the other. Allow the cement to set for a few minutes.



2. Place assembly into position on floor between the 20' channel assemblies. Measure 12" in from the plain (non-belled) end and mark.
3. From the mark in Step 2, measure the required length of the drain tube and mark that location. **Measure toward the belled end.**

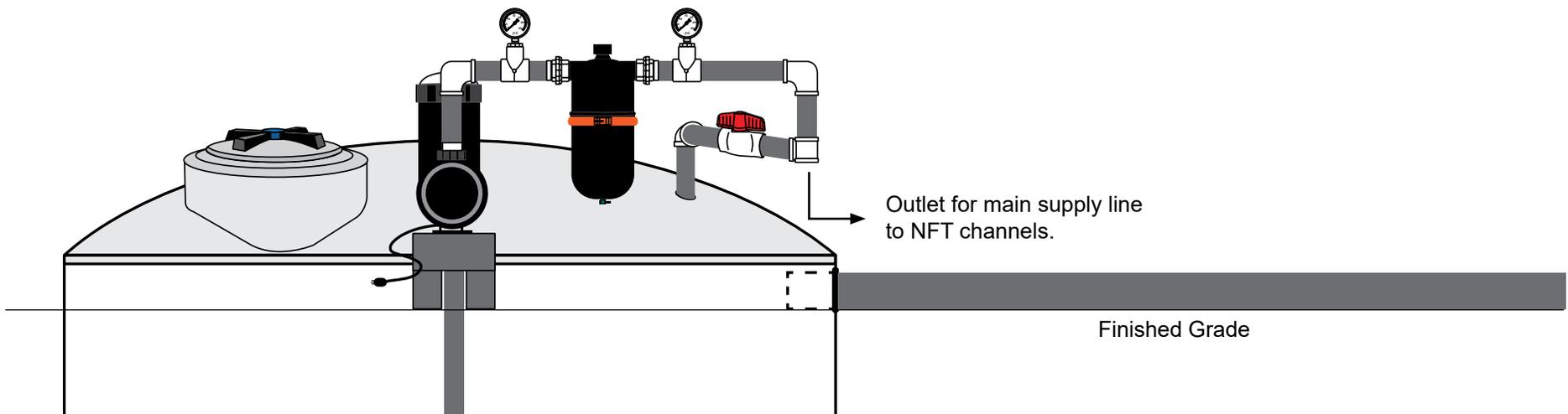


4. Cut tube to length by removing the belled end. Tube will have two (2) plain ends when finished.



5. Insert the plain end (with the mark) into the tank gasket to the line made in Step 2. Wet the tube end for easier installation.

Cut tube to length. If the full length is needed for your setup, remove only the belled end of the pipe assembly to install the 4" cap.

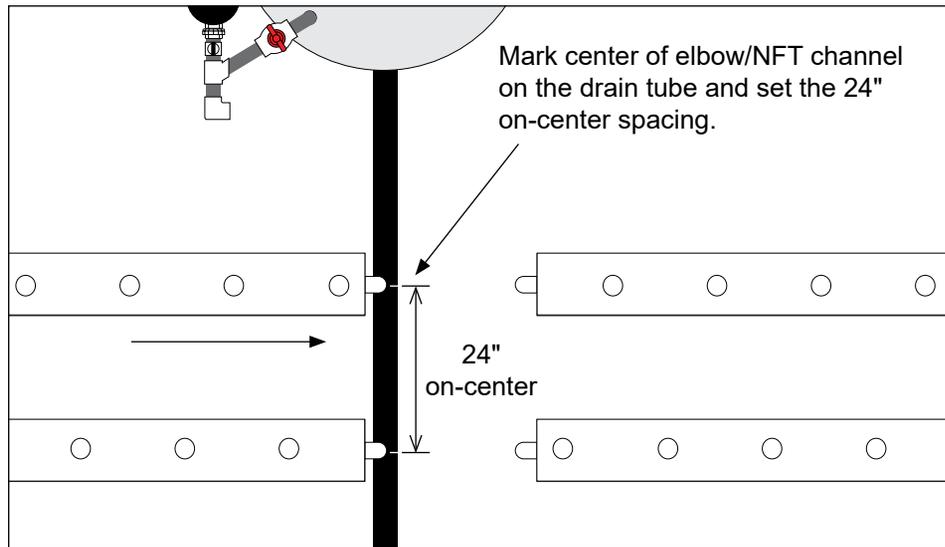


Prepare and Install 4" Drain Tube

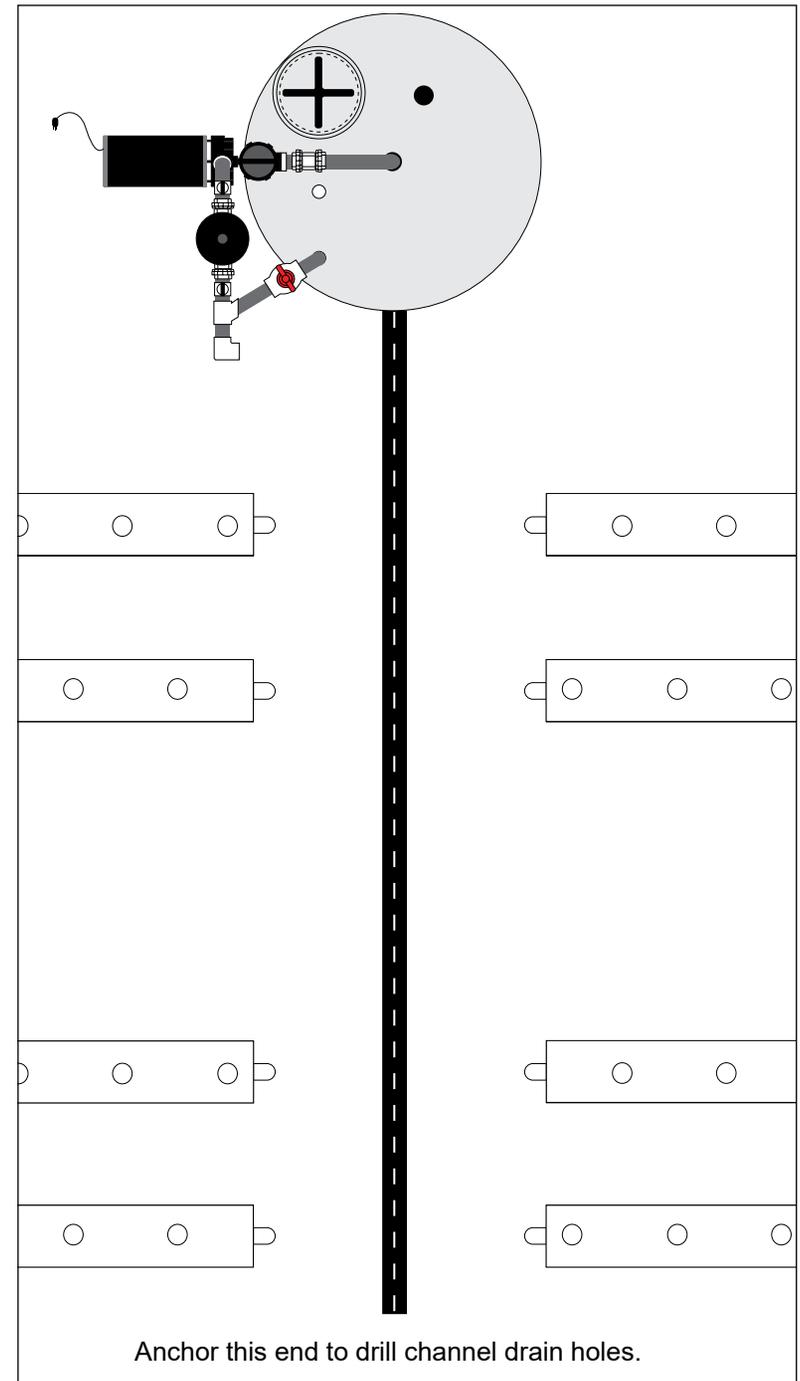
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PREPARE AND INSTALL 4" PVC DRAIN TUBE—continued

6. Adjust tube position so it is centered between channels. Anchor the free end in place using blocks or a sand bag.
7. Using a chalk line filled with non-permanent chalk, mark the center of the 4" drain tube. See dashed line in the diagram to the right.
8. Next, pull the first set of channels toward the drain tube until the 45° drain elbows touch the tube.



9. Set the 24" on-center spacing between the two channels.
10. Mark the center of the drain elbows/NFT channels on the 4" drain tube.



Prepare and Install 4" Drain Tube

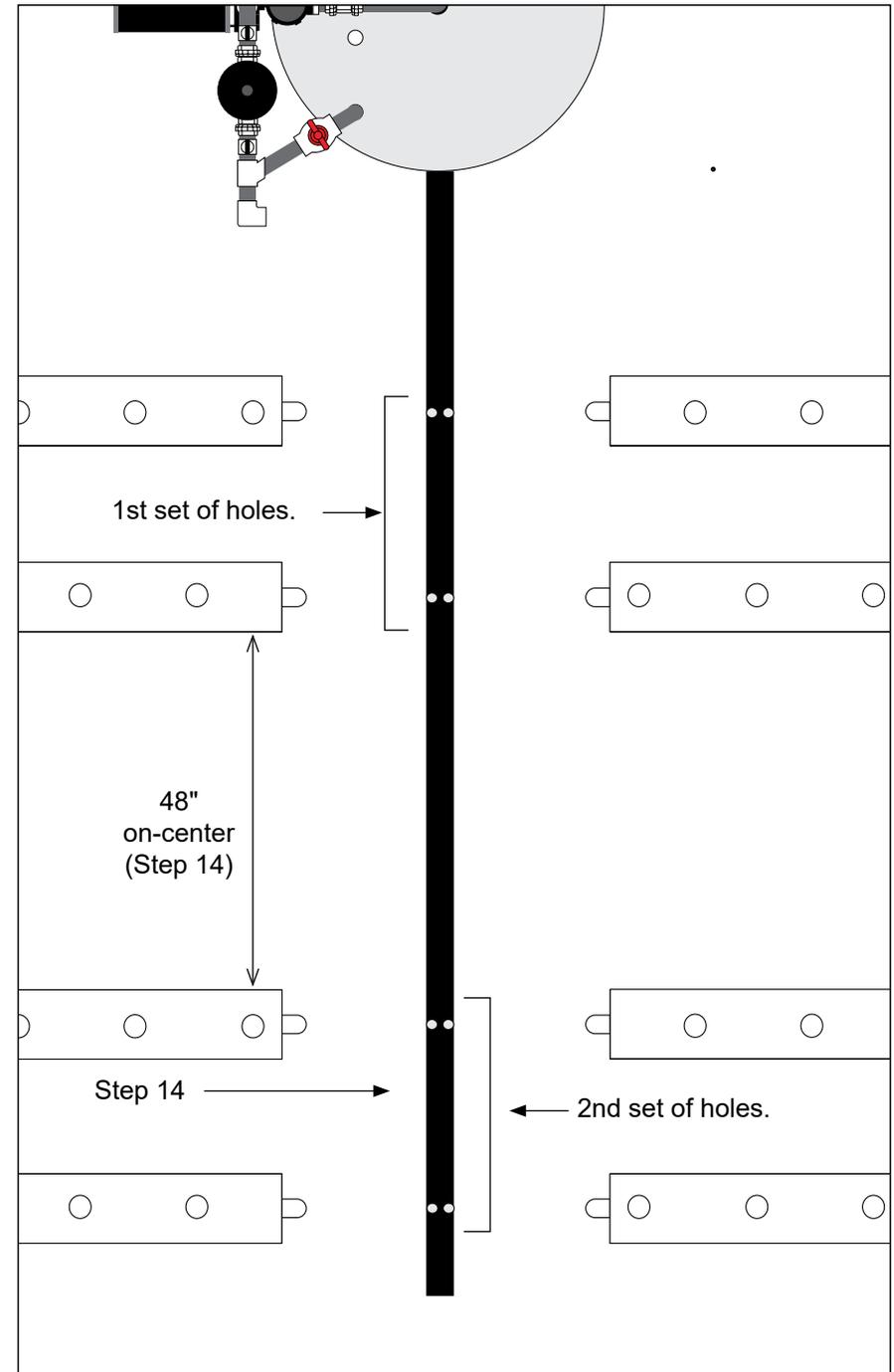
5

PREPARE AND INSTALL 4" PVC DRAIN TUBE—continued

11. Remove "Hole Template for Drain Tube" page from the back of this guide, fold it, and cut out the 1-3/8" holes using a scissors.



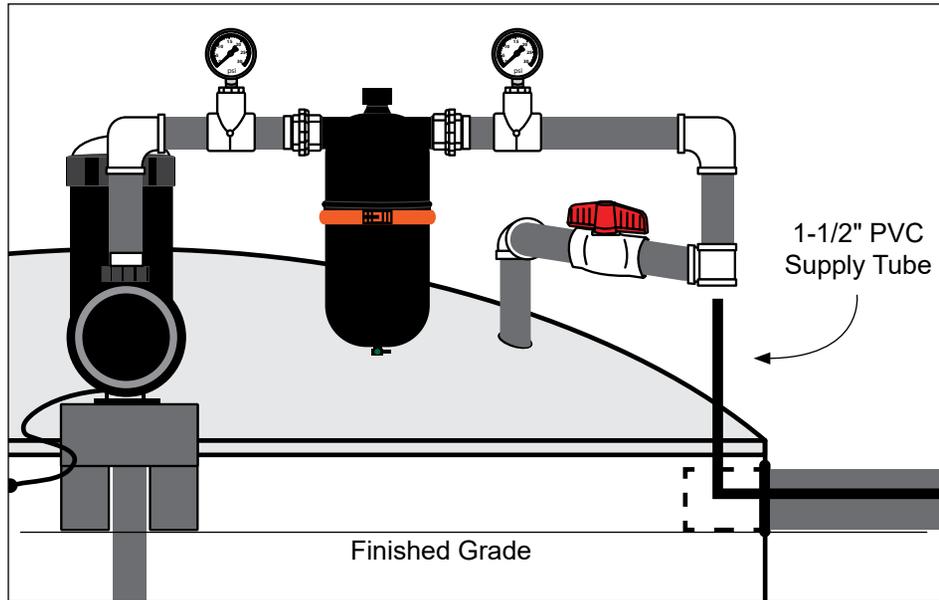
12. Place template over the 4" tube. Align the center lines as noted on template and mark the center of each hole.
13. Remove template and drill holes using a 1-3/8" hole saw bit and drill. Have an assistant hold 4" pipe in place while drilling holes. Use light pressure on drill. Do not force bit. **Keep hands away from bit during drilling.** There are four (4) holes for this first set of channels.
14. Move to the next set of channels and repeat the steps to drill the remaining four (4) holes. Recommended spacing between the two sets of channels for this example is 48". **Adjust spacing as needed for your application.**
15. After drilling holes, remove tube from tank and rinse. Tube must be clean to prevent shavings from clogging filters and 1/4" supply tees and lines.
16. Slide tube end back into the tank gasket using the line made in Step 2 as a guide. Do not insert drain elbows of channels into 4" drain tube at this time.
17. Continue by installing the nutrient supply plumbing.



Prepare and Install Nutrient Supply Lines—Overview

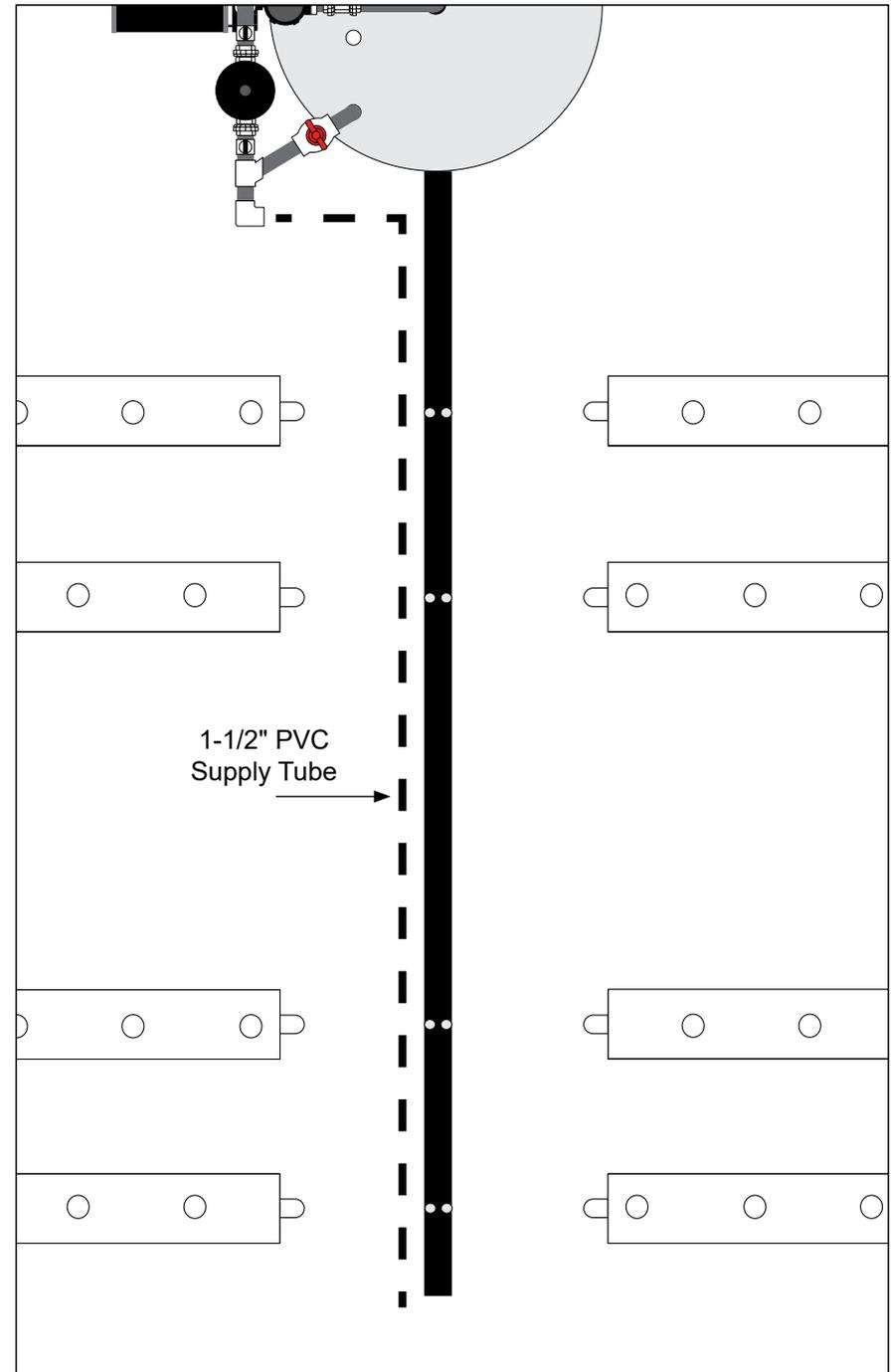
INSTALL THE NUTRIENT SUPPLY LINES—OVERVIEW

All NFT channels are fed by a main 1-1/2" pvc supply pipe. For this example, the pipe runs from the output side of main pump, down to ground level, and along and parallel with the 4" drain tube. See dashed line.



BASIC ASSEMBLY PROCEDURE:

1. Layout and connect the 1-1/2" main supply line. Dry fit all connections. Do not prime and cement until all grommets and fittings are installed. Use the WF1982 coupling to connect the individual sections of 1-1/2" pvc tube.
2. Drill 7/8" grommet holes in the 1-1/2" pvc supply line(s) and install the 111598 grommets and 111599 adapters. See Procedure 7 for drilling and installation details.
3. Install the 3/4" supply lines as described in Procedure 8.



Prepare and Install Nutrient Supply Lines

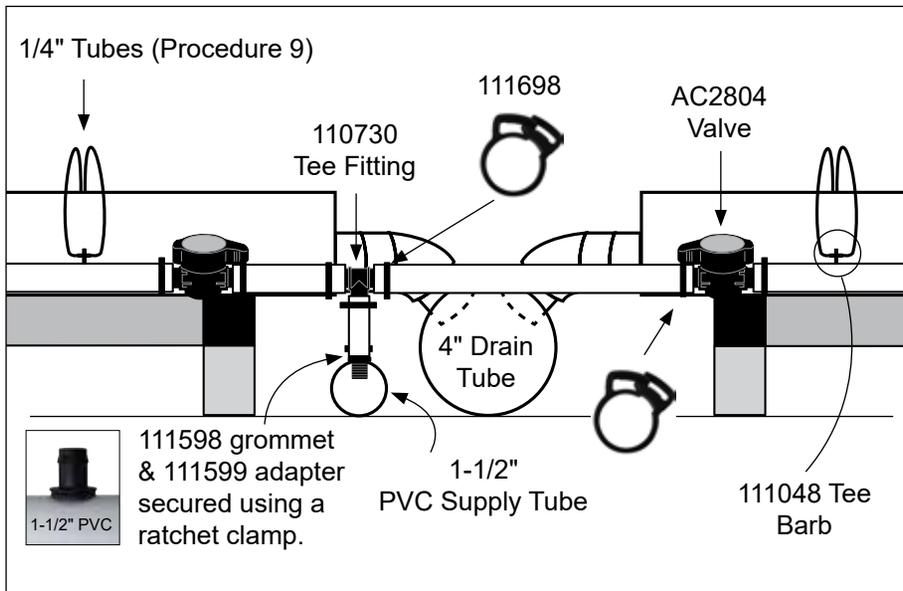
6

PREPARE THE 1-1/2" PVC NUTRIENT SUPPLY LINE

Complete these steps:

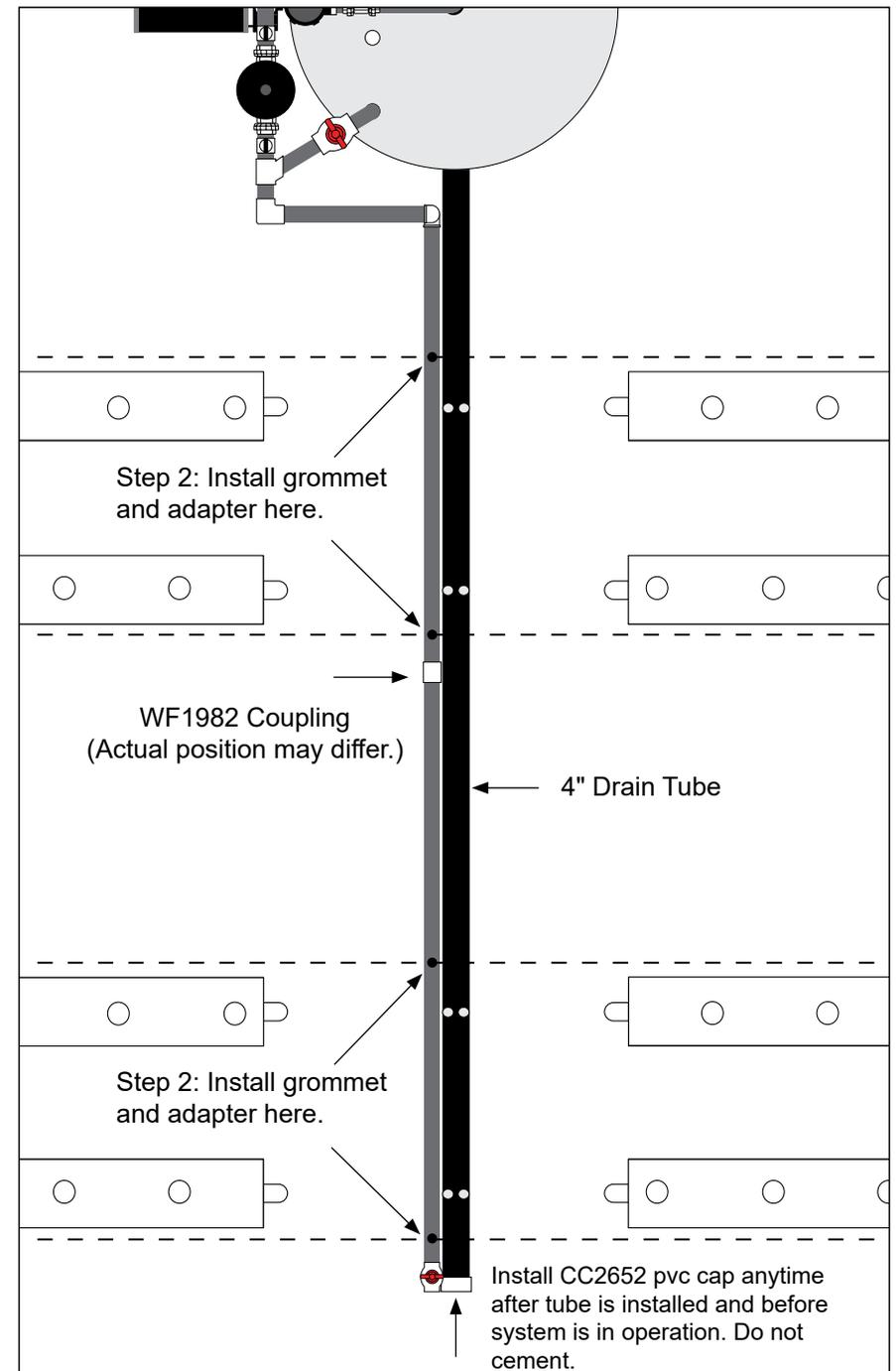
1. Construct the 1-1/2" pvc main supply line using the 90° elbows, WF1982 couplings, and 1-1/2" pvc. Do not cement connections at this time.
2. Review diagram at the right to determine location of the four (4) 3/4" fittings. **Mark each location on the assembled pvc tube.**

ATTENTION: Each channel is feed by a single 3/4" supply line that typically runs along the channel. Smaller, 1/4" tubes distribute nutrient solution from the 3/4" line to the channels at evenly spaced positions along the channel.



The above diagram identifies the different parts and their locations. Use it to assemble the 3/4" supply tube using the 111627 white tubing. When assembled and installed, tube runs along the bottom of the GT80 channel and on top of the customer-supplied supports for the GT80 channels.

3. Complete the procedure on the next page to install the grommets and fittings in the 1-1/2" pvc supply line.



1-1/2" PVC Supply Line Installation Details

7

1-1/2" PVC SUPPLY LINE INSTALLATION DETAILS

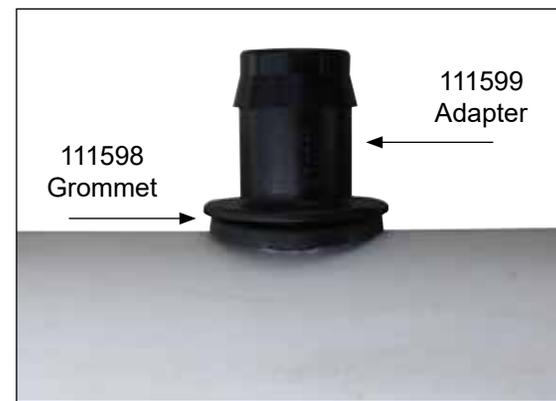
7/8" Forstner Bit—required. Additional purchase required. Use only a Forstner bit to drill this hole. Other hole saws and bits may cause the grommet and adapter to leak.

Complete these steps to install the 111598 grommets and 111599 adapters.

1. After marking the 1-1/2" tube, drill a 7/8" hole at each position using the 7/8" Forstner bit (required).
2. Disassemble 1-1/2" pvc supply line and clean tubes to remove shavings.

NOTE: Mark tubes to ensure reassembly in same order if needed.

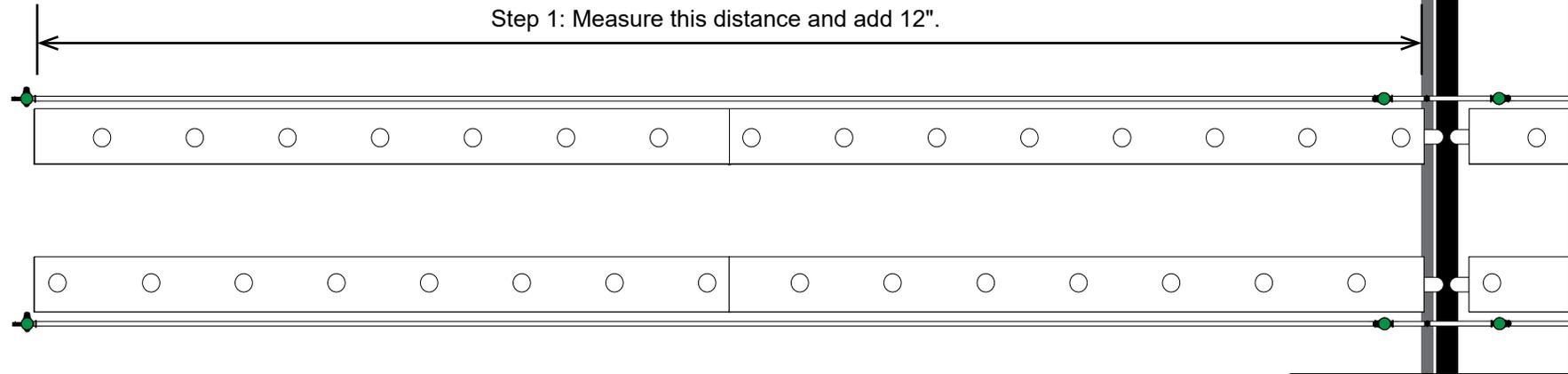
3. Reassemble and secure all connections using pvc primer and pvc cement. **Apply according to directions printed on containers.**
4. Install a 111598 grommet in each hole. There are four (4) holes in all.
5. Take one 111599 adapter and insert the tabbed end into the grommet. Wet the adapter for easier installation.
6. Carefully press adapter into grommet. Place a stiff piece of flat stock against adapter end to press it into place if needed. Do not use a hammer or similar tool to pound adapter into grommet!
7. Repeat steps to install grommets and adapters in the remaining holes in the 1-1/2" pvc supply line.
8. Continue with the installation of the 3/4" supply lines, fittings, and valves.



3/4" Supply Line Installation Details

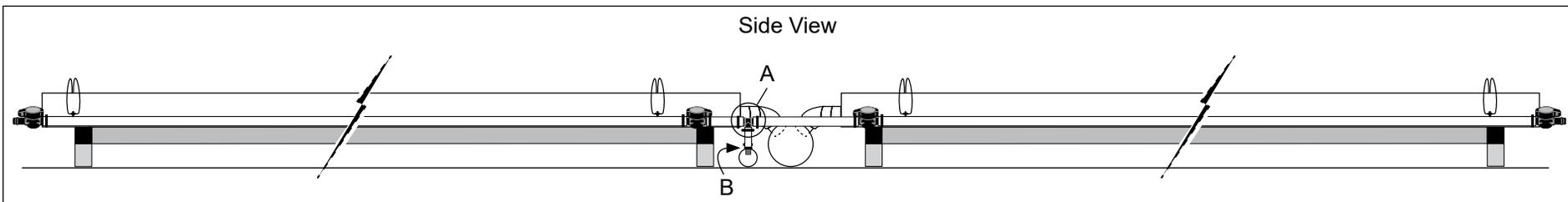
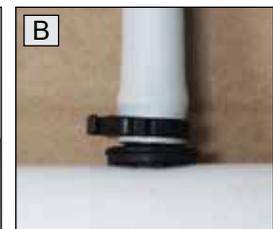
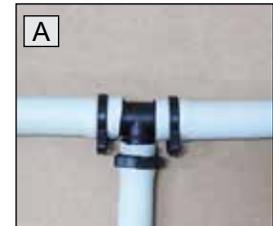
8

3/4" SUPPLY TUBE INSTALLATION—POLY TUBING (111627)



Complete these steps to construct the 3/4" supply tube:

1. Measure the distance from the 1-1/2" supply pvc to the end of the first 20' channel and add 12".
2. Cut a piece of 3/4" tubing from the roll of 111627 tubing to the length found in Step 1.
3. Using the diagrams on this page and page 18, construct the supply line by adding the AC2804 valves and securing them with the 111698 ratchet clamps. Gently squeeze the clamps with a pliers to secure each connection.
4. Repeat the steps as needed to construct a 3/4" supply tube for each pair of GT80 channels.
5. After constructing the long 3/4" tubes, add and secure a vertical 3/4" tube and tee fitting assembly to each adapter installed in the 1-1/2" pvc supply tube. Height should be level with the platform the channels are mounted on.
6. Next, connect a long, horizontal tube to each outlet of the tee fitting and secure using the ratchet clamps.
7. Continue by installing the tee barbs and 1/4" tubes.



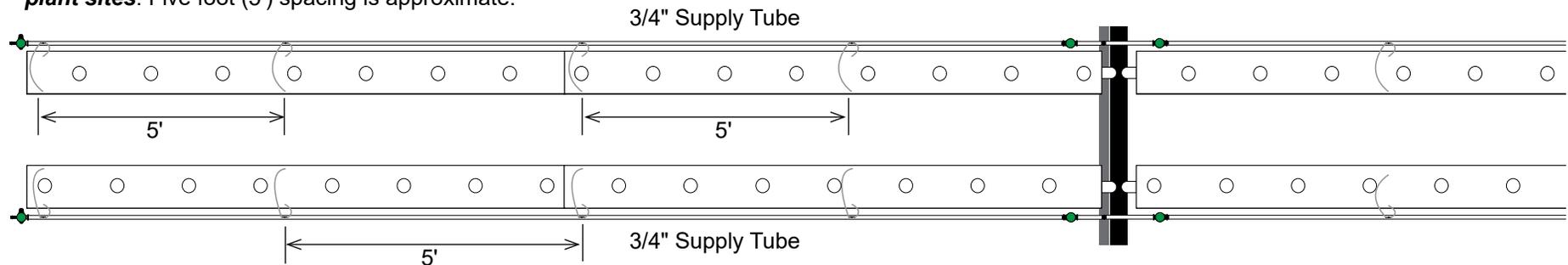
1/4" Tube Installation Details

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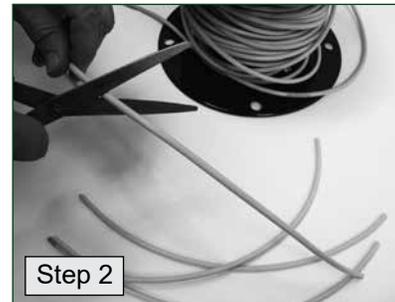
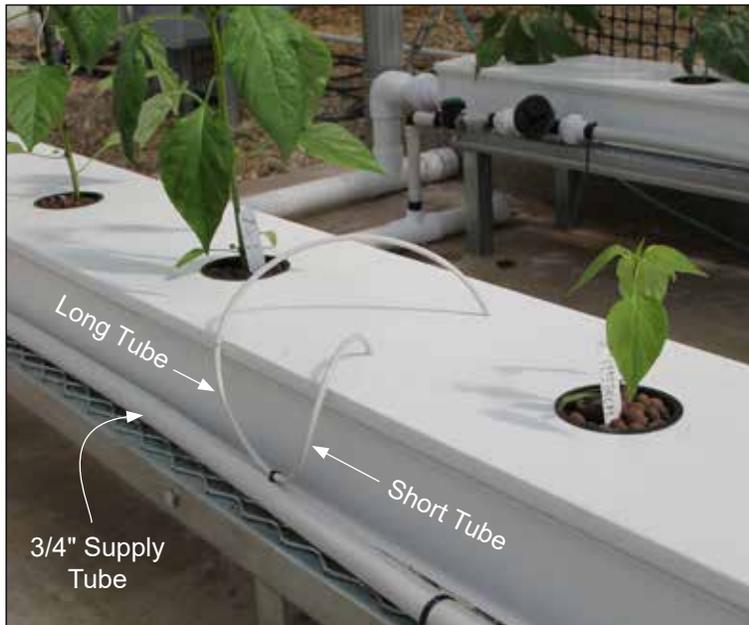
1/4" TUBE INSTALLATION DETAILS

Complete these steps:

1. Measure and mark each 20' channel in 5' intervals. There will be four (4) marks as shown for each channel. Adjust the spacing as needed to avoid landing on the splice where two separate lids meet. The important result of this step is to space the feeder tubes as evenly as possible **without interfering with plant sites**. Five foot (5') spacing is approximate.



2. Take the 111046 1/4" tubing and cut eight (8) tubes for each channel. Measure the required length before cutting the tubes. Tubes can be the same length; Or, each pair can consist of one long tube and one short tube as shown in the photo. **Do not exceed 24" for a single tube.**



NOTE: Trim one end of the tube at an angle for easier installation in the channel lid. See next page for additional information.

End that attaches to tee barb must be cut straight.

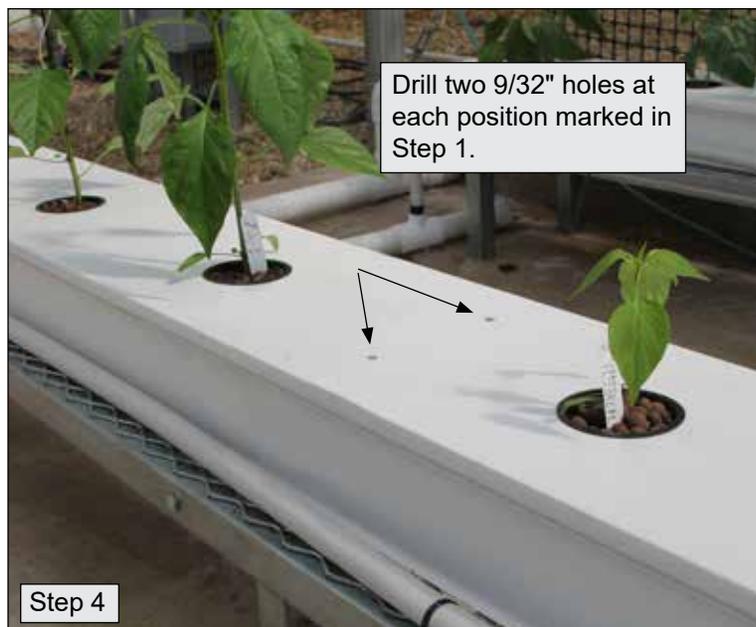
3. Using the 110743 punch, punch one hole in top of 3/4" supply line at each position marked in Step 1.

1/4" Tube Installation Details

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1/4" TUBE INSTALLATION DETAILS—continued

- Using a drill and 9/32" drill bit, drill two (2) holes in the channel lids at each position marked in Step 1. Position each hole an inch or so in from the edge of the channel. See the photo on previous page and below right for an example. Do not position holes too close to plant sites or middle of the channels. There will be eight (8) holes per 20' channel.



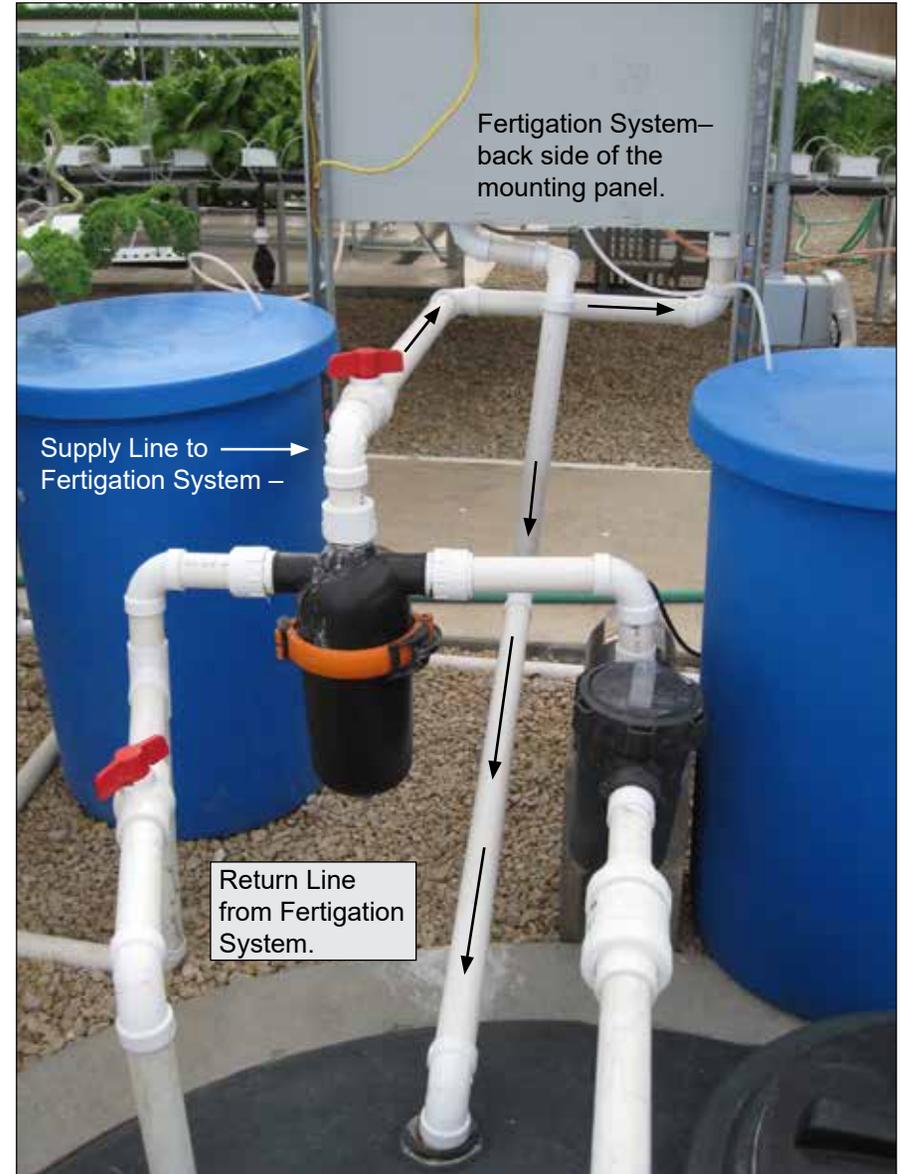
- After drilling the 9/32" tube holes in each lid, connect two (2) tubes (cut in Step 2) to one (1) 111048 tee barb. If the 1/4" tubes are of different lengths—one short and one long—add one of each to each tee barb. If one end of each tube was cut at an angle, connect the straight end to the tee barb.
- Return to each hole made in Step 3 and gently grip a tee barb and tube assembly and push into the hole. After barb snaps into the hole, gently pull back on the barb (as if trying to remove) to seat barb into place. **Do not pull too hard. Do not pull barb out of hole.**
- Finally, take the free, angled end of each tube and insert into one of the holes to complete the assembly.



Additional Photo: Sample Fertigation System

FERTIGATION SYSTEM

If you purchased a fertigation system, consult the fertigation information to properly connect it to the NFT system pump station. These photos show a sample NFT system that includes an installed fertigation system. Additional pvc tubing and fittings, as well as a support frame for the fertigation system, are needed. Consult your sales representative for additional information and details. (Actual NFT and fertigation systems may differ from what are shown.)



Hole Template for Drain Tube

Hole Template for 4" Drain Line

