

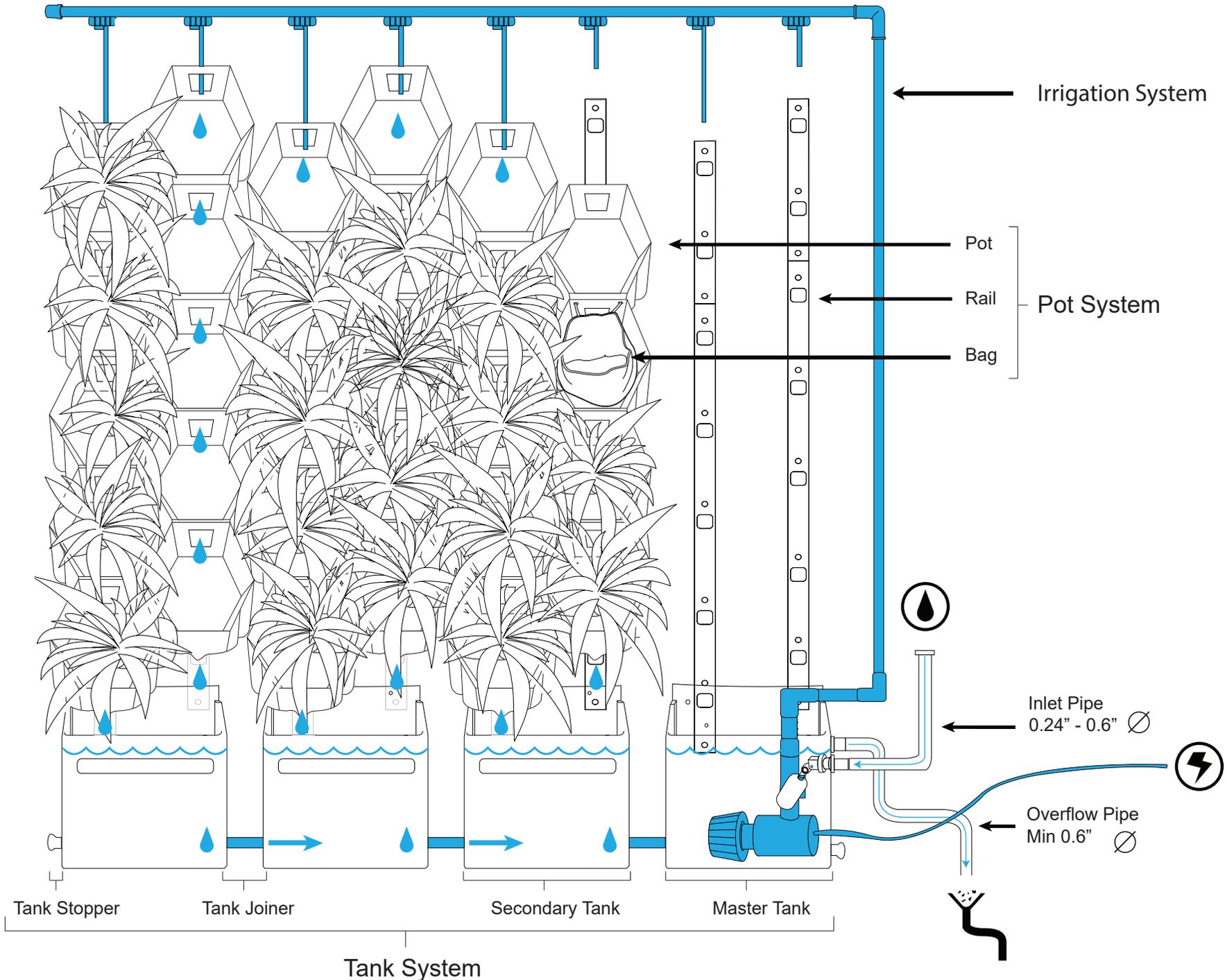


GrowUp

Installation Guidelines

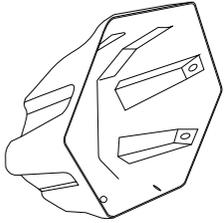
800-985-9138

www.GrowUp.Green



Components List (Provided)

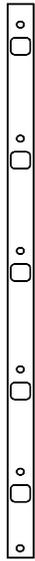
Pot System



Hex Pot



Planter Bag

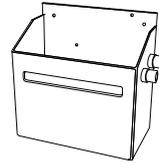


Aluminium
5 Pot Rail

Tank System



Secondary Tank



Master Tank



Grommets

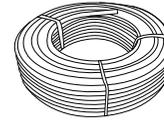


Tank Connector

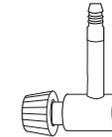


Stopper

Irrigation System



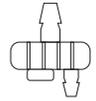
Irrigation Piping



Pump



Cable Tie



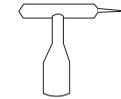
1 Gph
Dripper



End Cap



Elbow Pipe
Connector



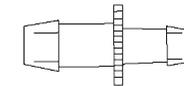
Dripper
Hole Punch



Dripper Extension
Pipe

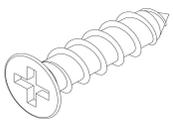


Drop Sheet

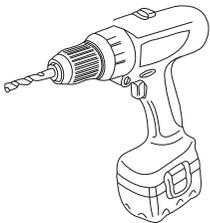


Barb Connector

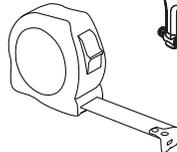
Equipment Required: (Not Provided)



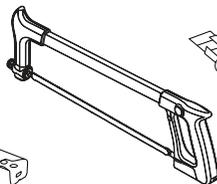
#8 or #10 Screws
suitable for mounting
surface



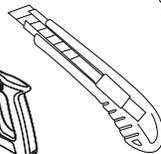
Drill



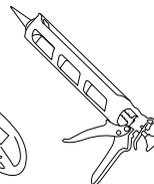
Tape Measure



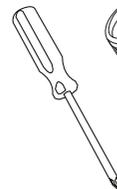
Hack Saw



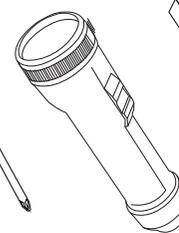
Box Cutter



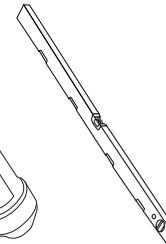
Silicone



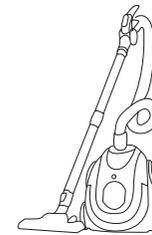
Star
Screwdriver



Flashlight



Level



Vacuum
Cleaner

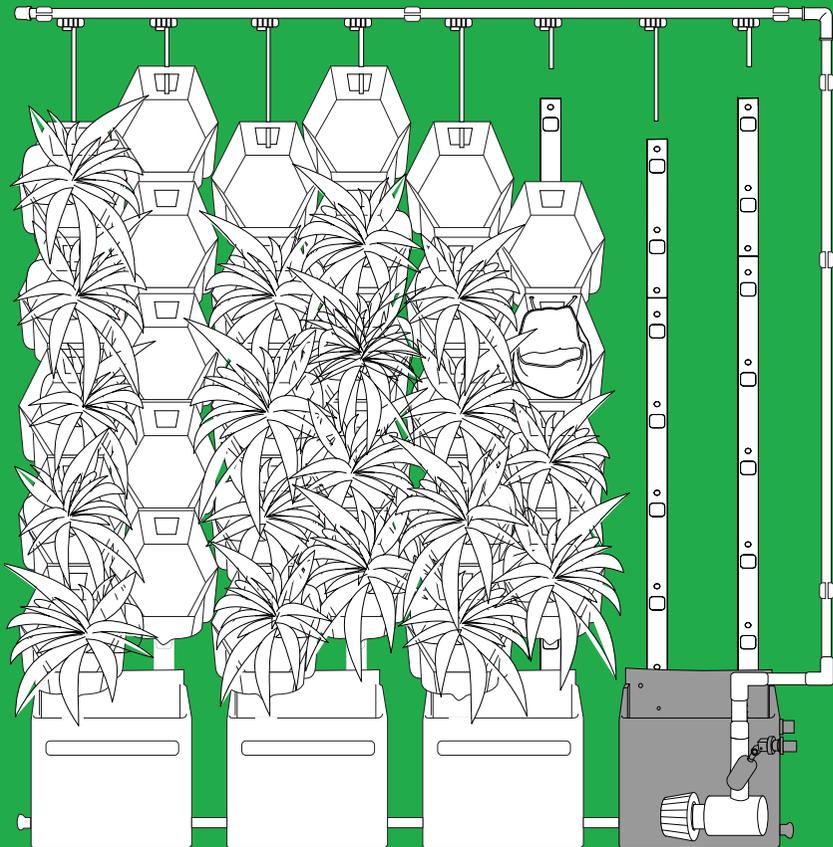


Soapy
Water



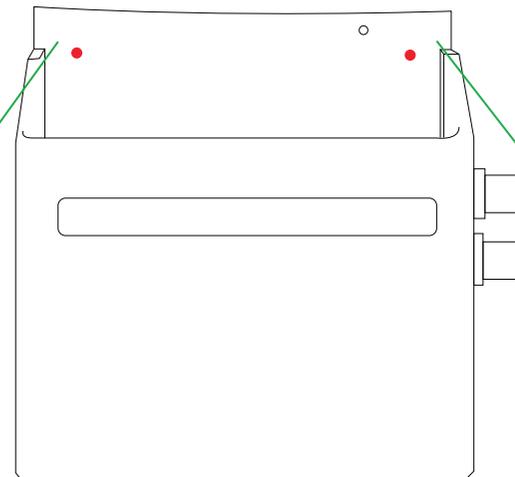
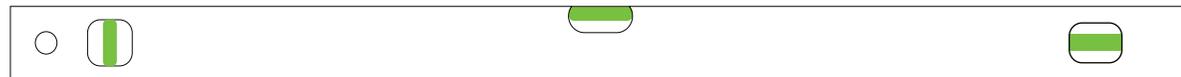
Gorilla Black
Tape

Step 1: Mounting master tank

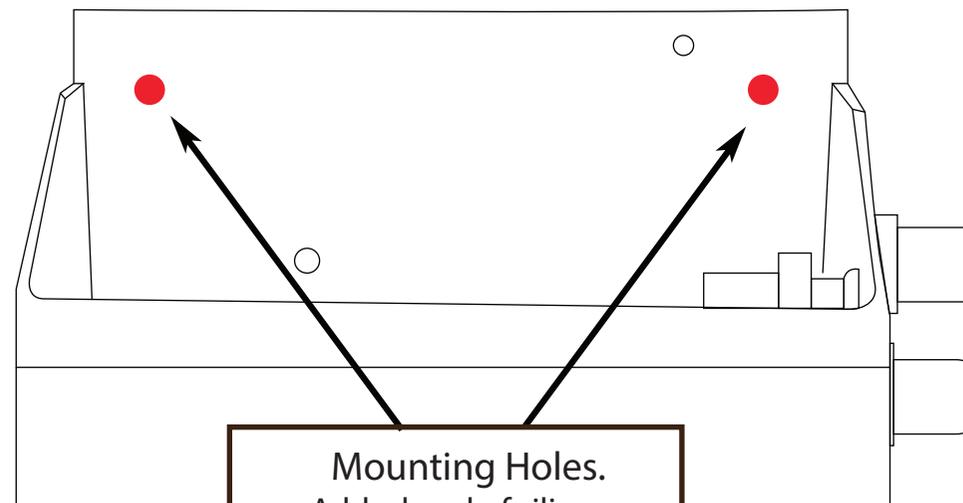


Process Comments

Install master tank level in bottom right corner of the wall, leaving enough space for irrigation and water connection.

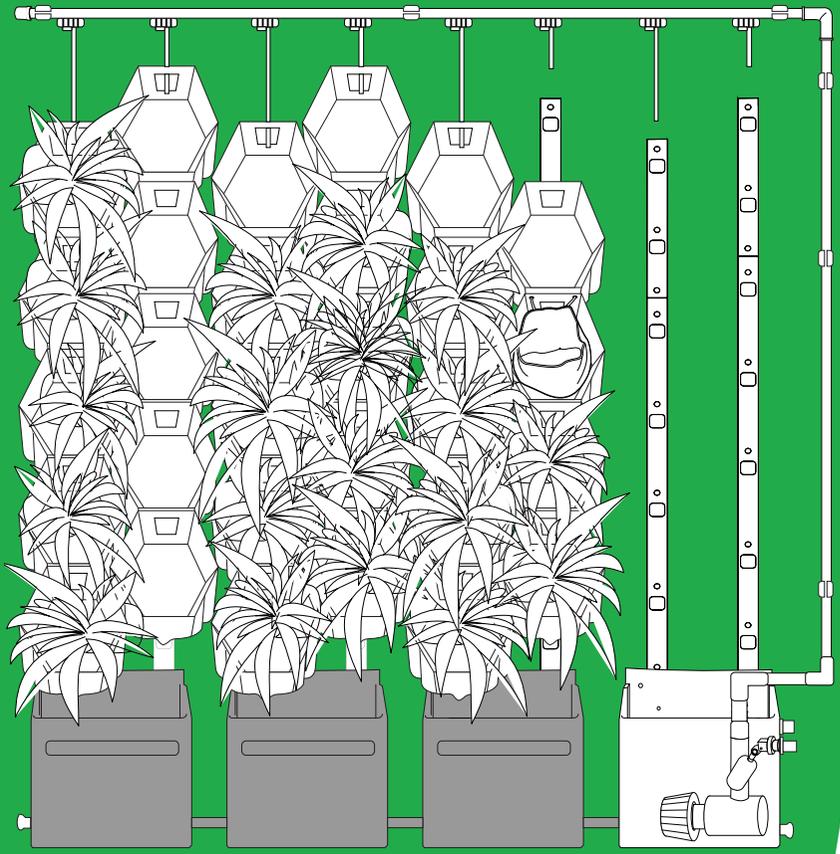


TIP!



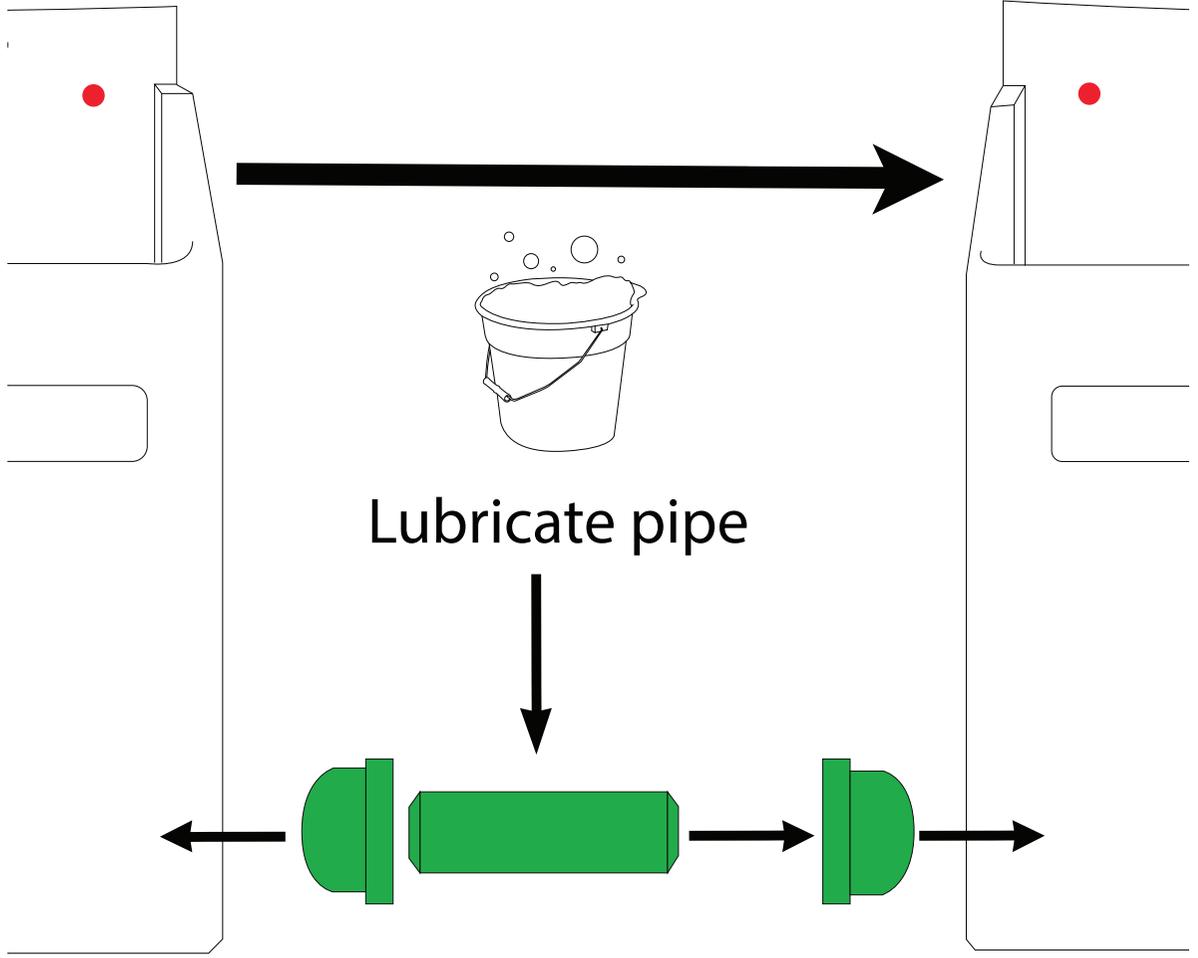
Mounting Holes.
Add a bead of silicone
before inserting screw.

Step 2: Joining Tanks



Secondary Tank

Master Tank



Lubricate pipe

Process Comments

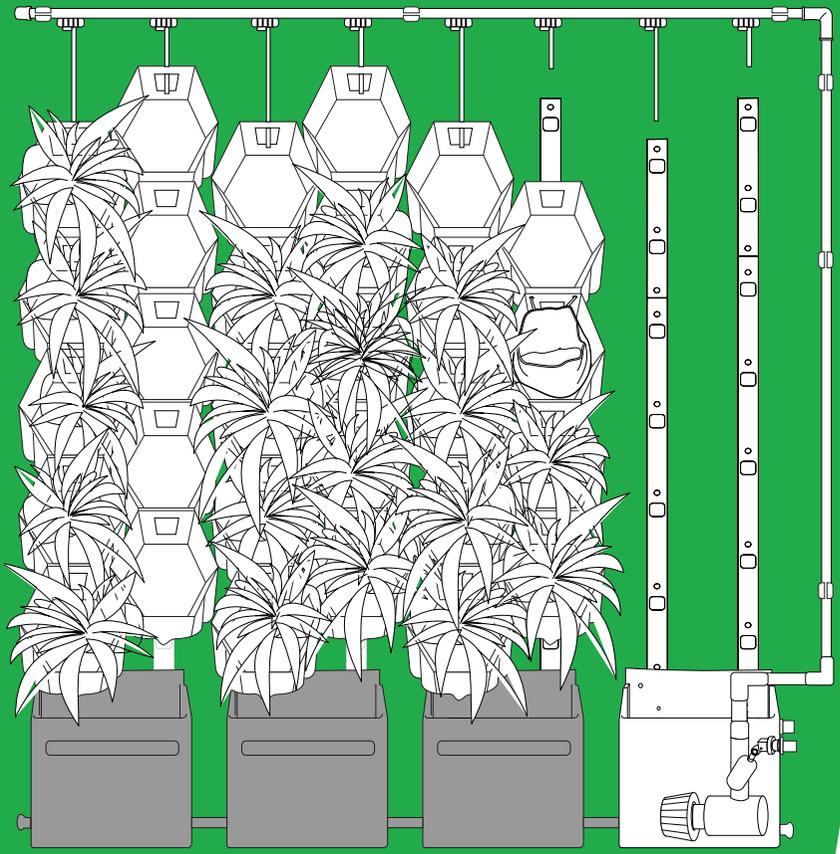
Insert grommets and push through connector pipe to join tanks.

NB! Lubricate with soapy water!

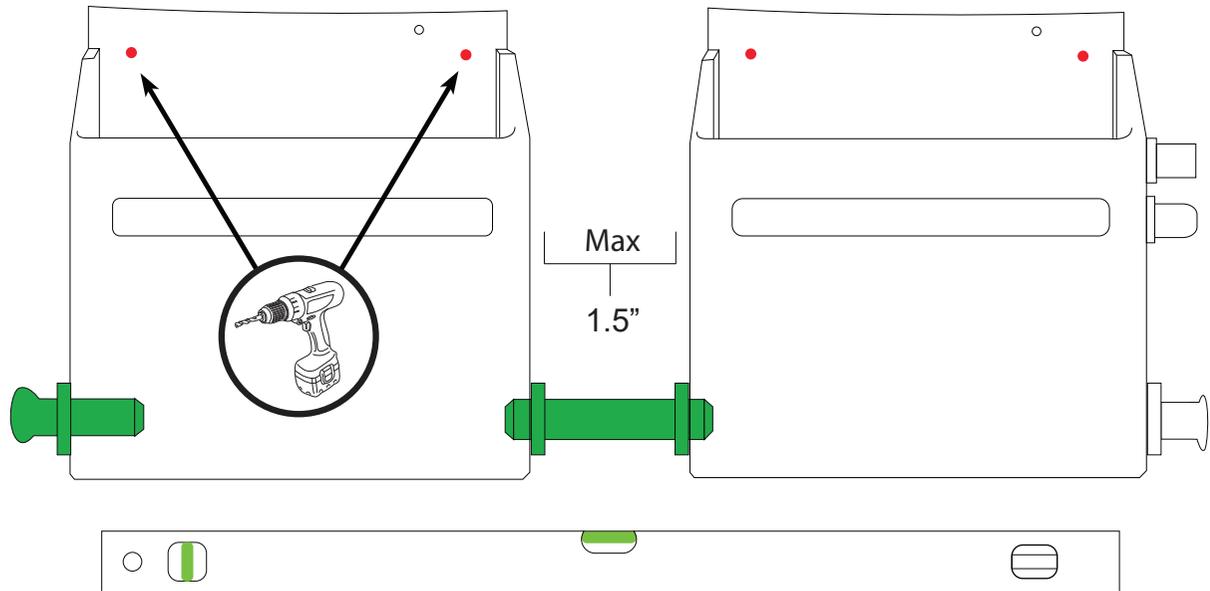


Add bead of silicon around inside edge of flange.

Step 3: Mounting Secondary Tank



Process Comments
Connect adjacent tank and mount to wall before connecting the next tank
Install tanks level.
Insert stopper on last tank.



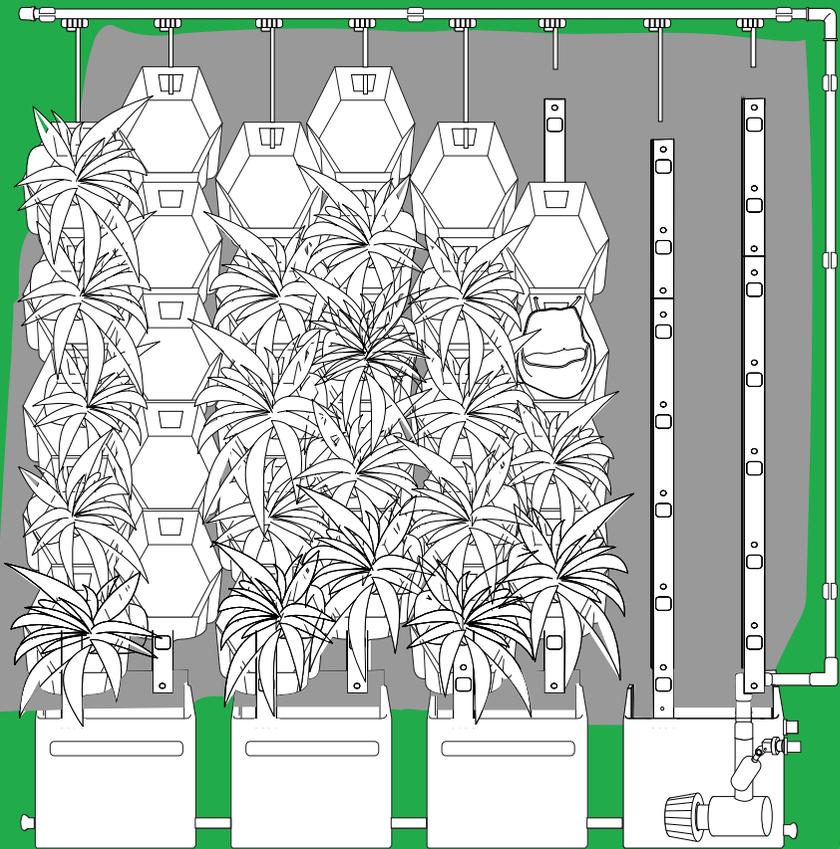
Ensure the bottom of tanks are level.

TIP!

Adjust space between tanks from 1/4" to 1 1/2" to suite.

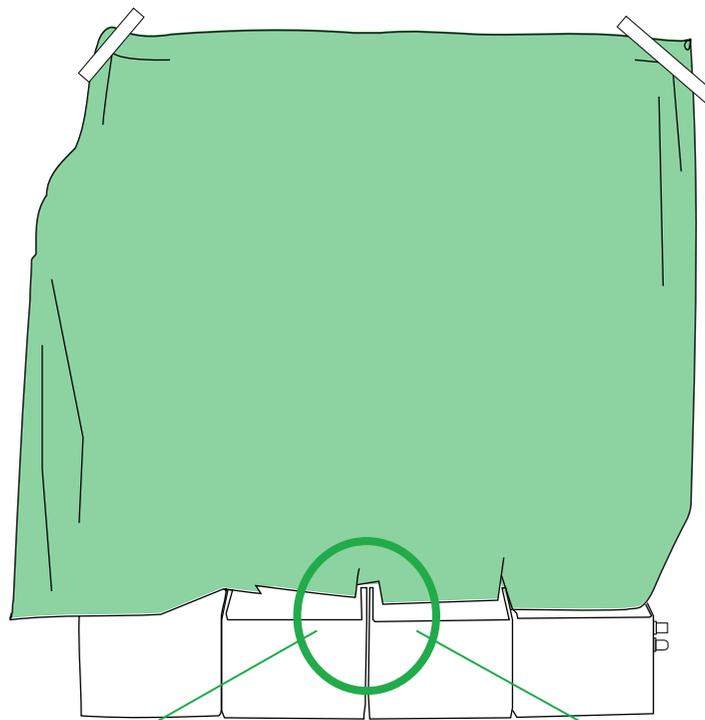
Connect the tank before mounting to the wall.

Step 4: Install Drop Sheet (optional)



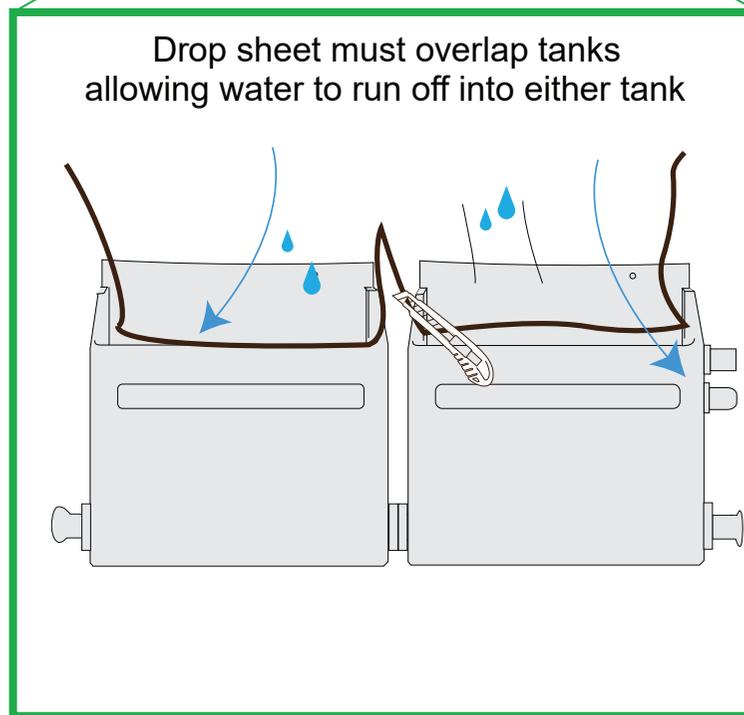
Process Comments

The drop sheet redirects water that escapes the pots due to misaligned pots.

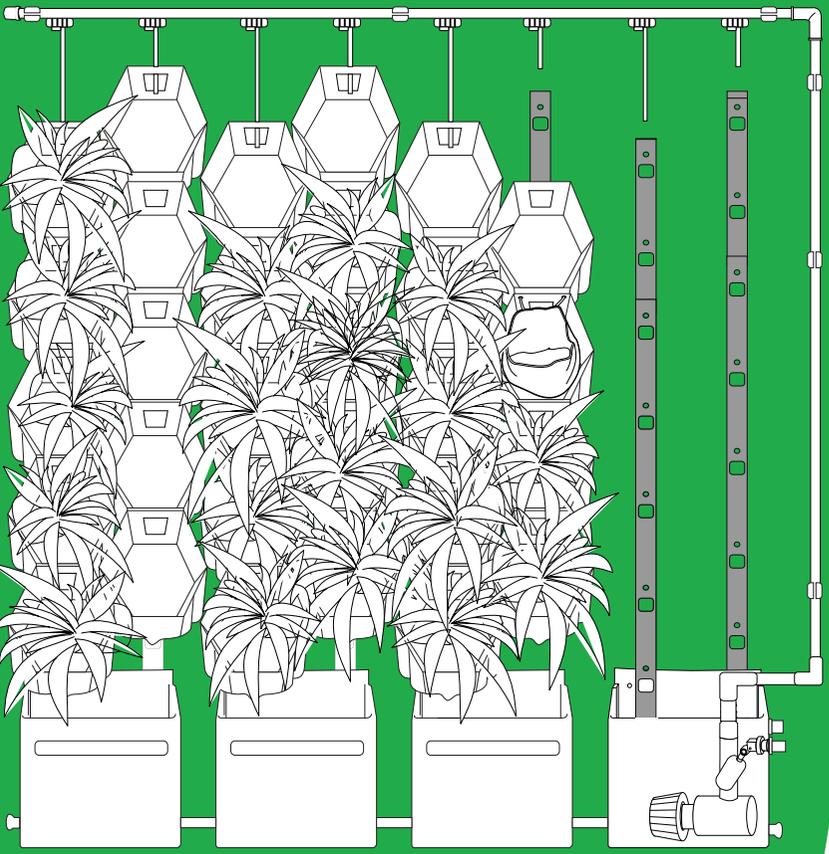


TIP! Drop sheet is optional for outdoors but recommended for all indoor installations.

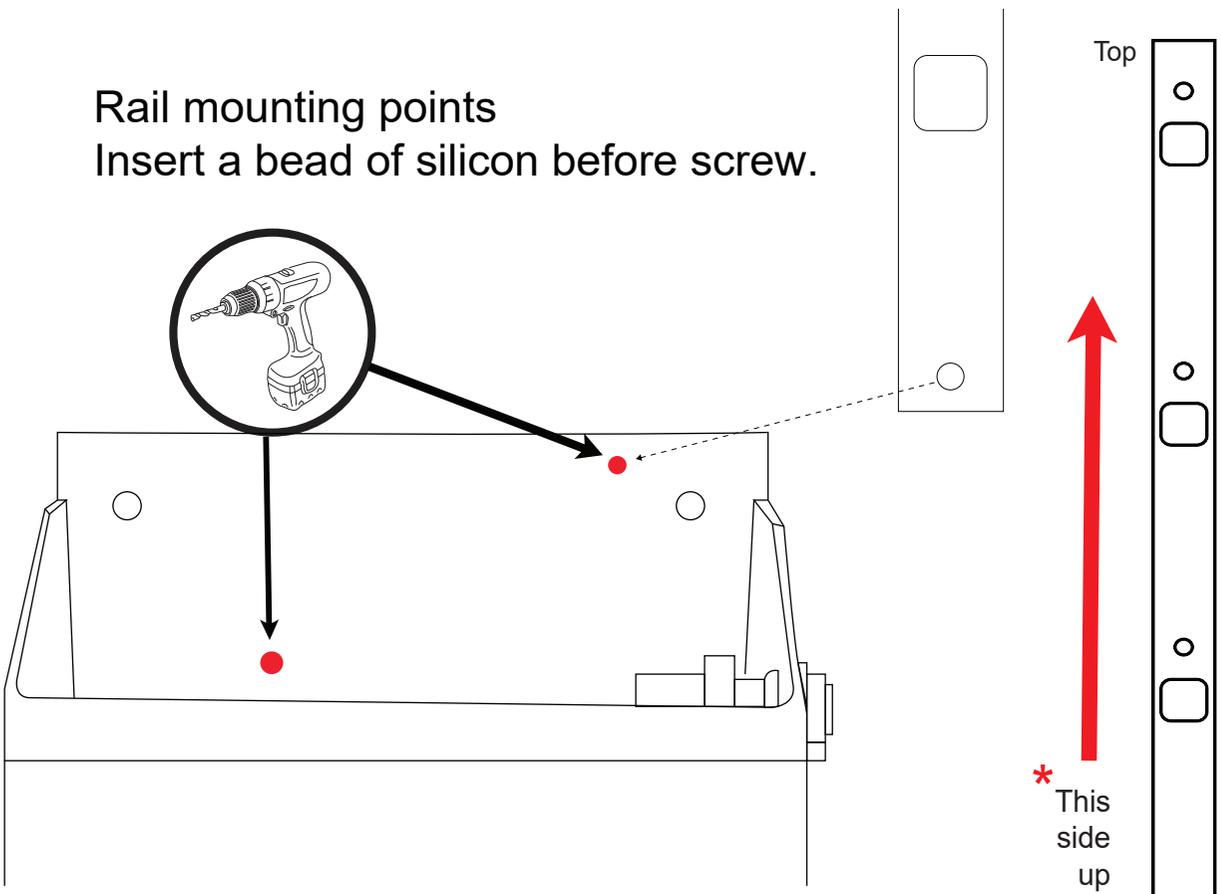
TIP! Use Gorilla tape to close the gap between the top of the tanks.



Step 5: Install Rails to Tanks

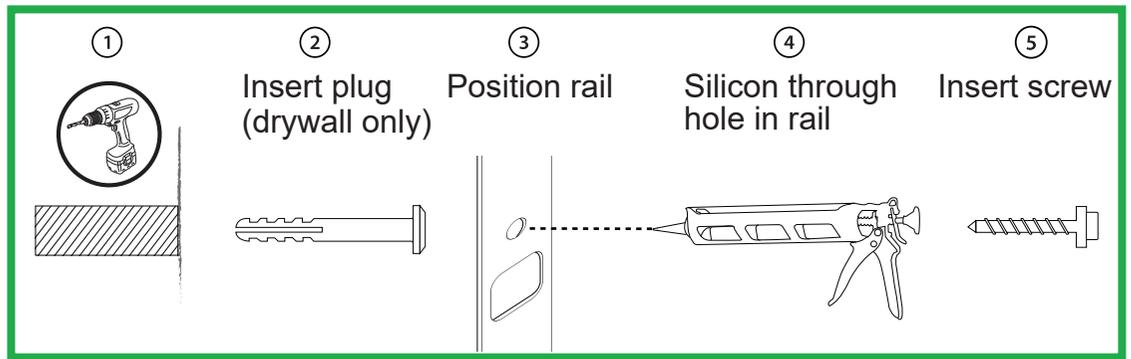


Rail mounting points
Insert a bead of silicon before screw.



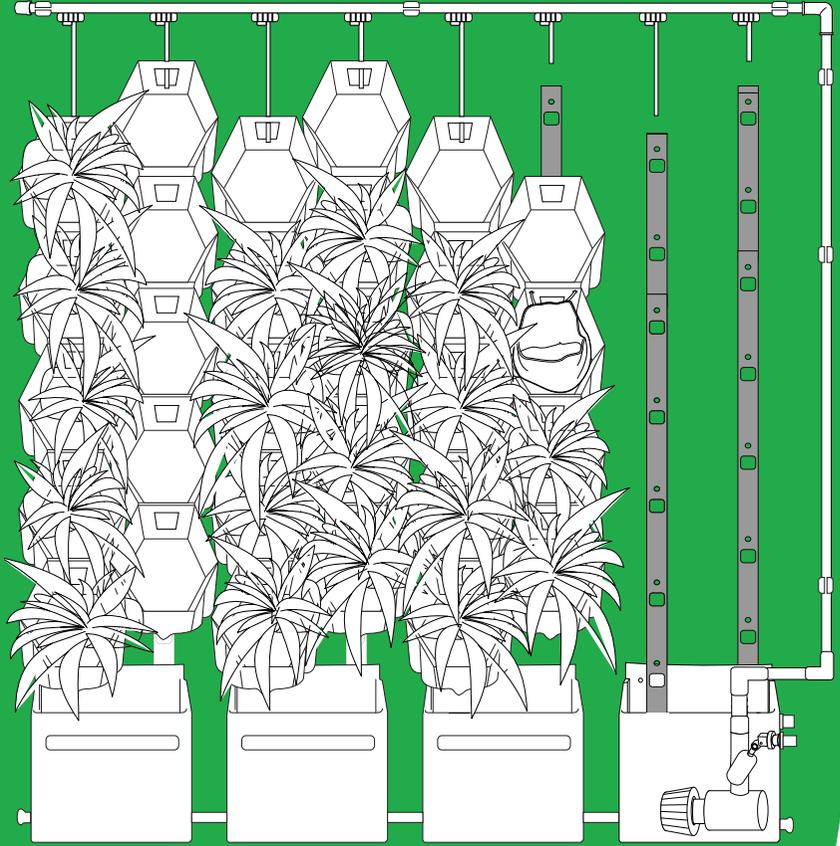
Process Comments

Use pilot holes provided on tanks to install the bottom screw on each rail.



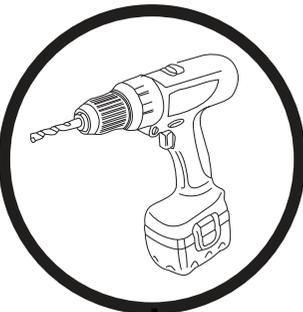
Bottom

Step 6: Level Rails and Secure

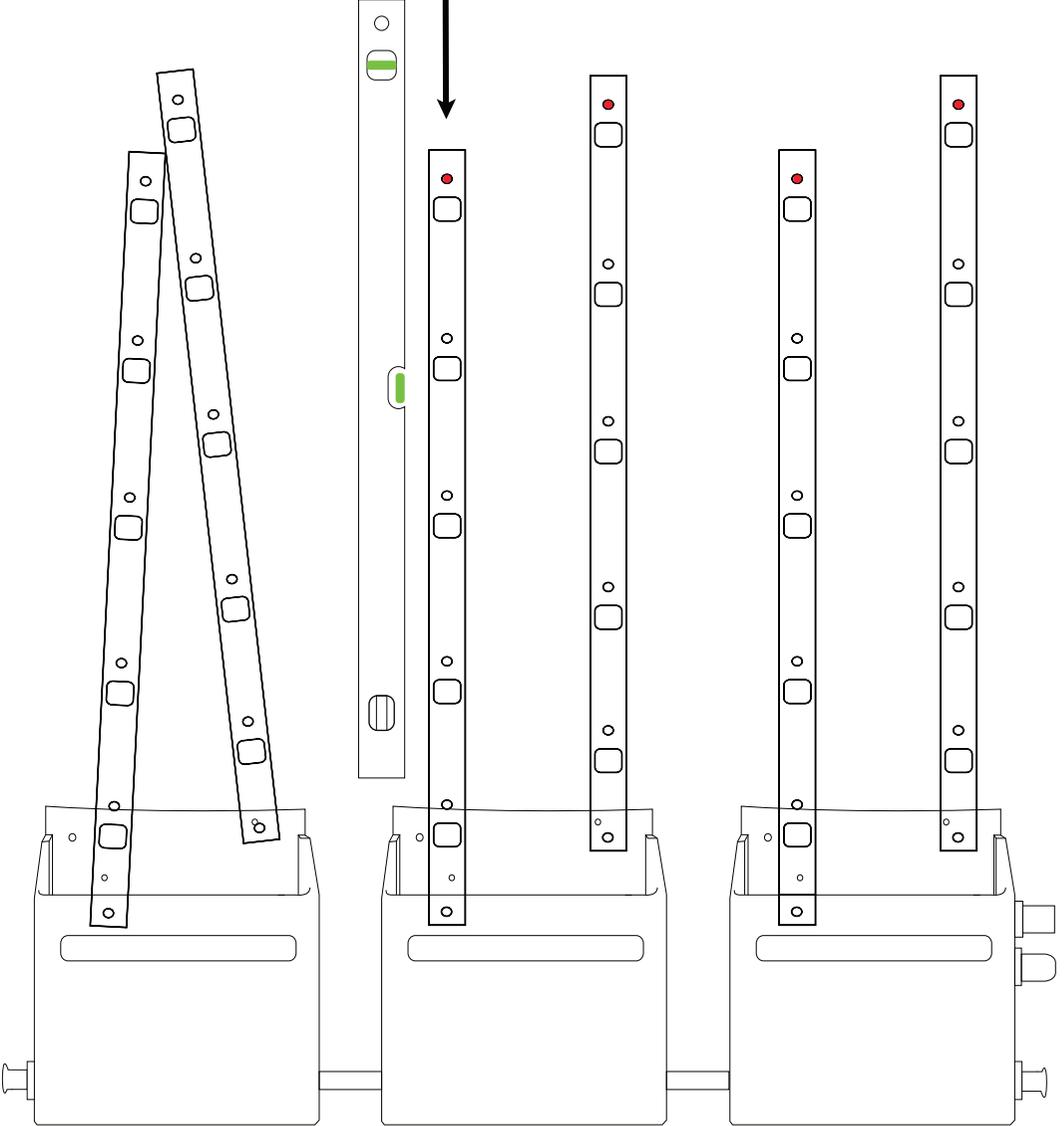


Process Comments

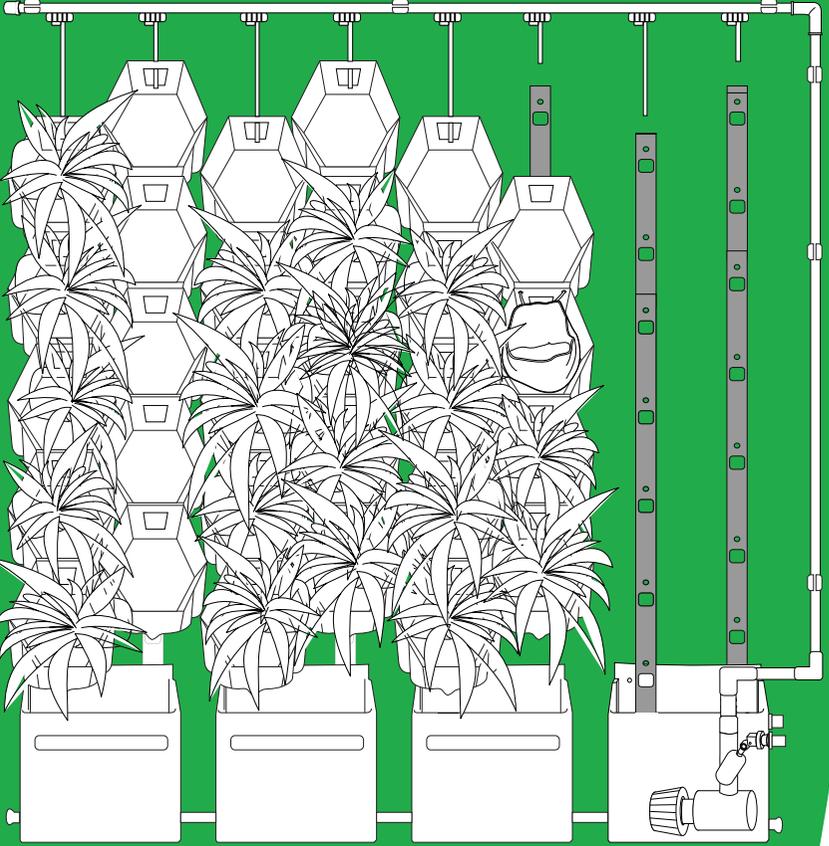
Level rail and install top screw.



Add bead of silicon with each screw.

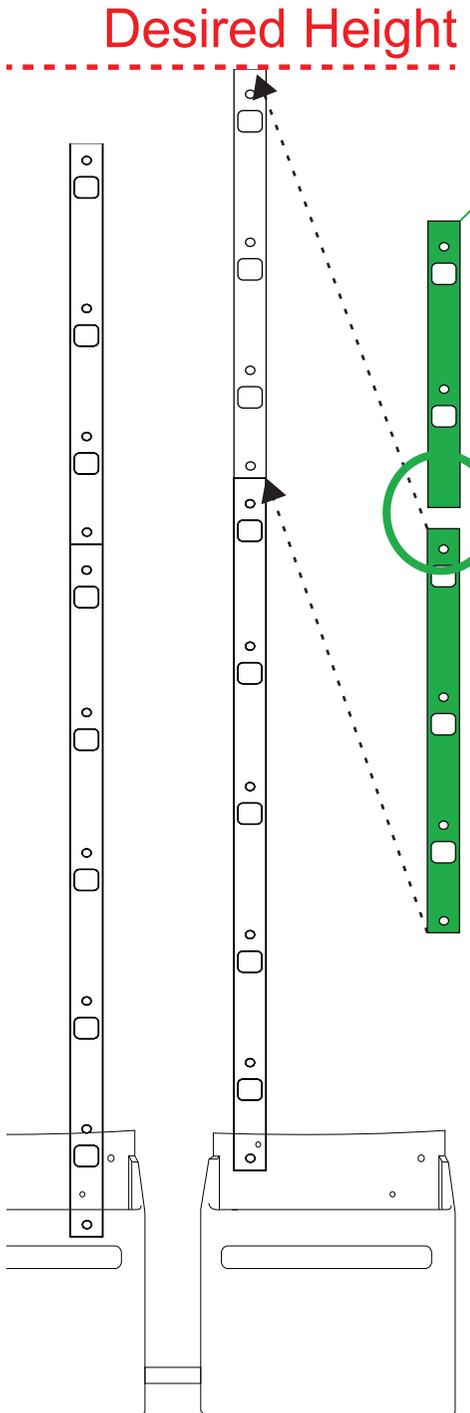


Step 7: Stack and Cut Rails



Process Comments

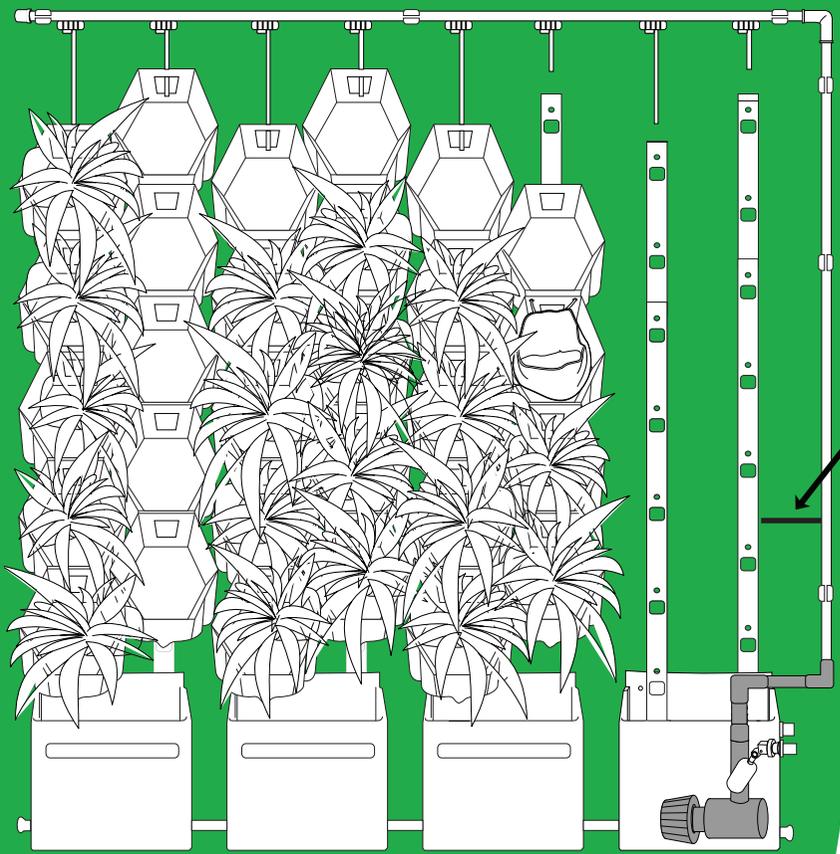
Cut rail on notch provided to fit desired height.



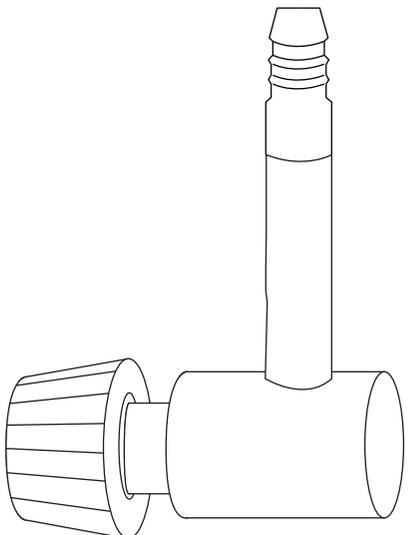
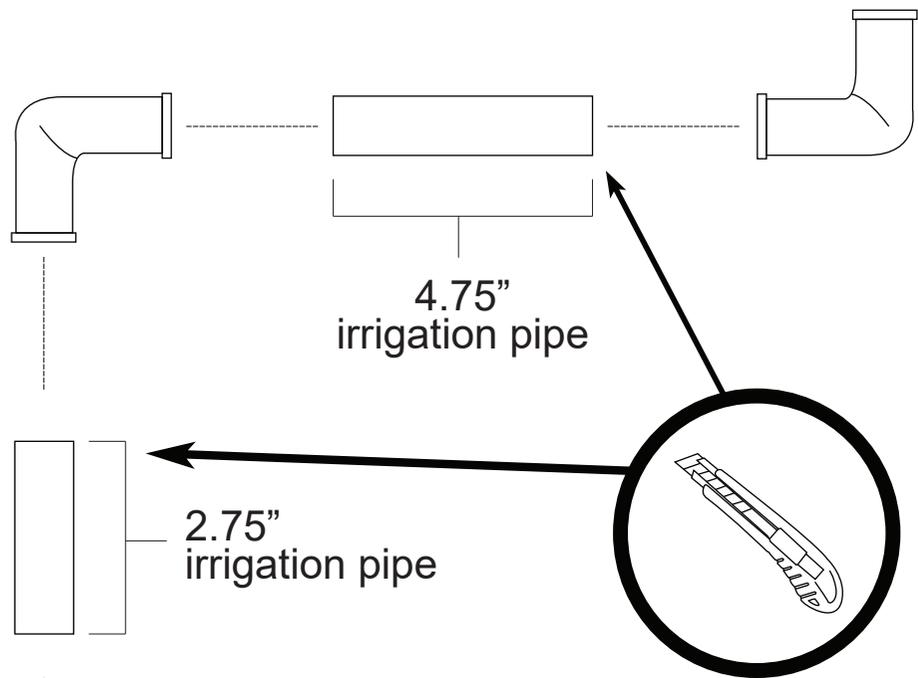
TIP! Retain off-cuts for use at the end of the installation.

TIP!

Step 8: Pump Assembly



Minimum 3.5"

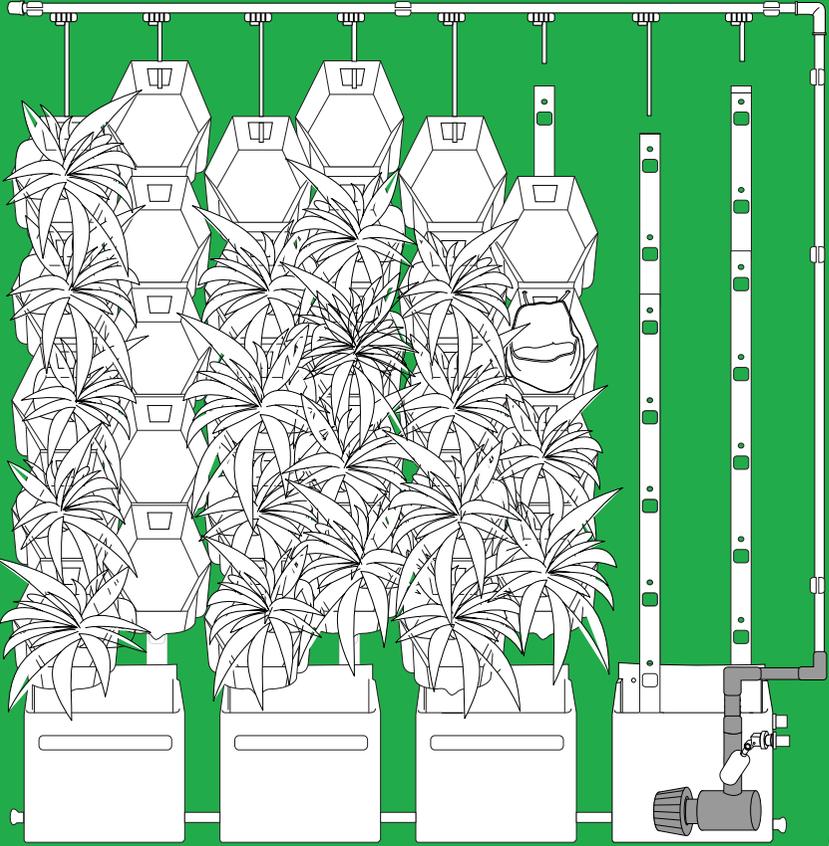


 Ensure that the pump's transformer and plug are kept dry.

Process Comments

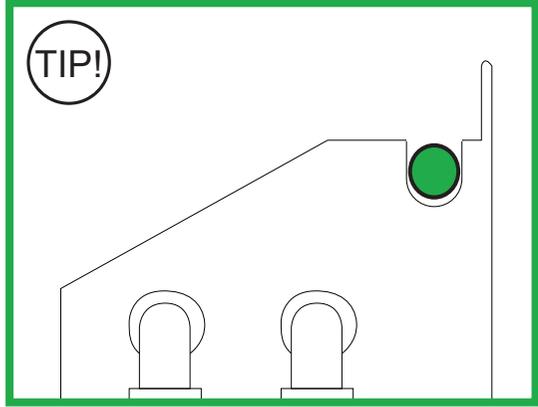
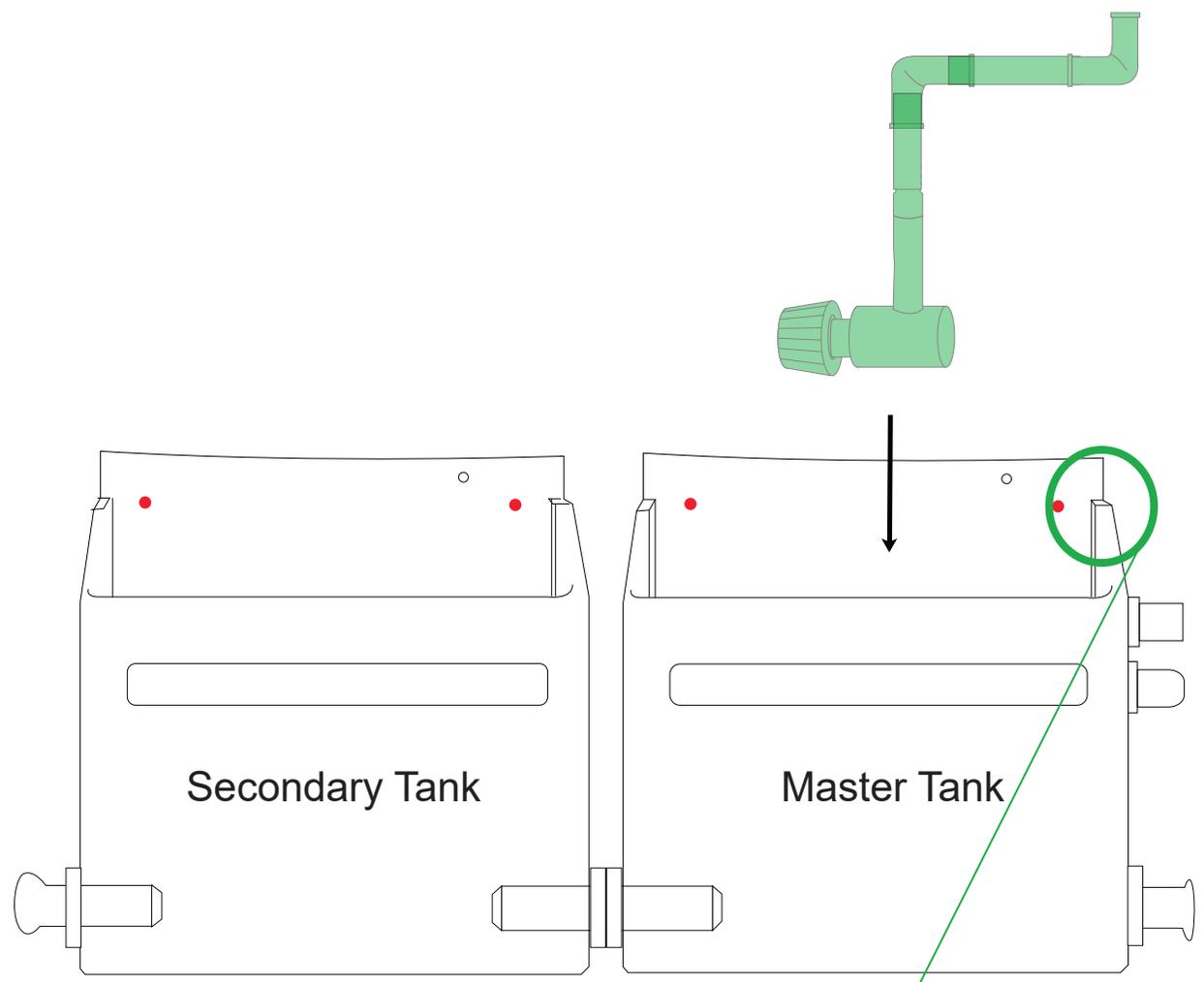
Attach first section of irrigation pipe to pump as shown.

Step 9: Pump Installation



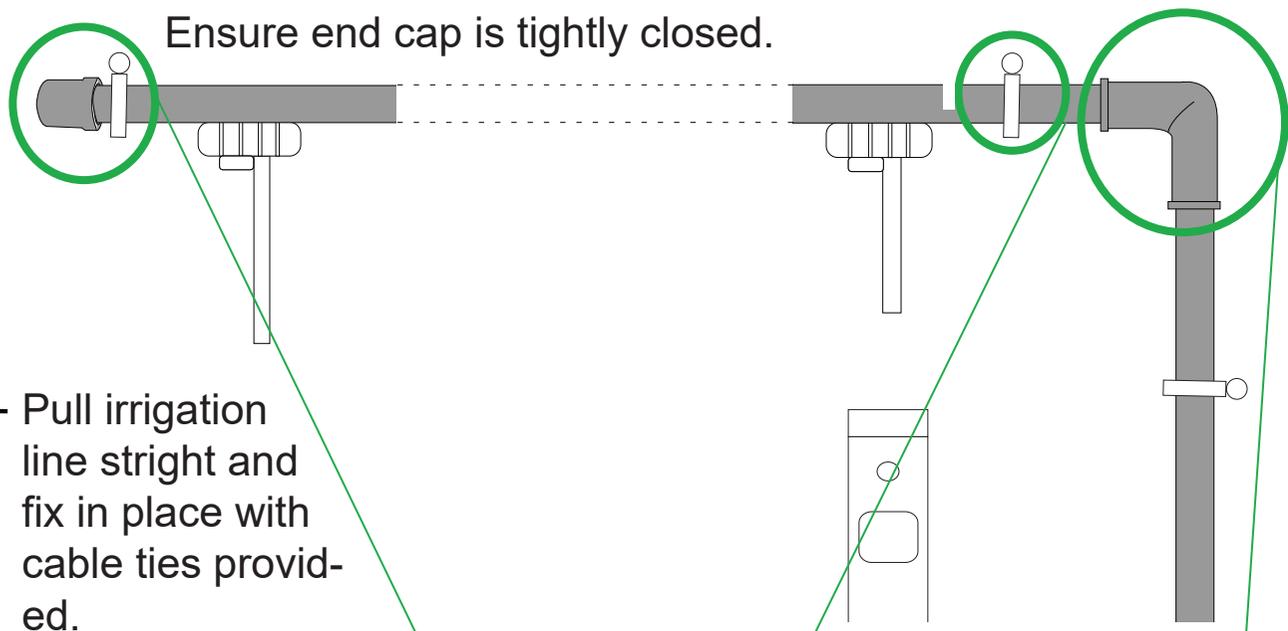
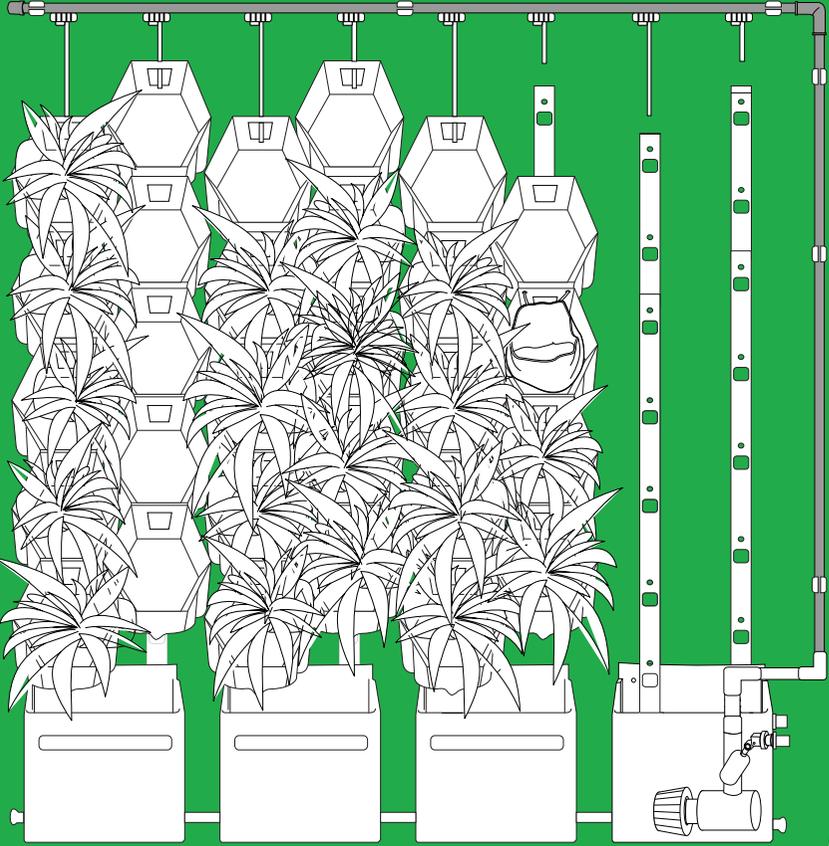
Process Comments

Place assembled pump into master tank.
Place irrigation pipe through notch provided in the master tank.

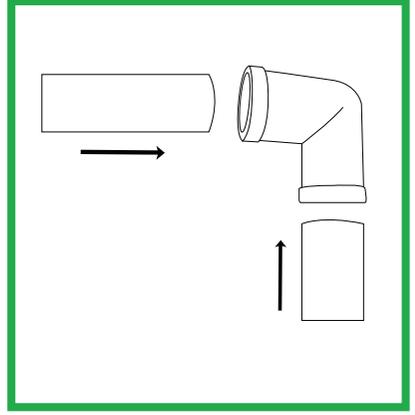
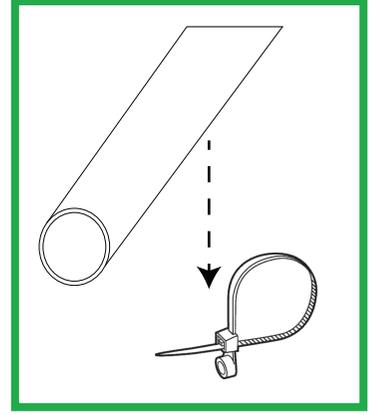
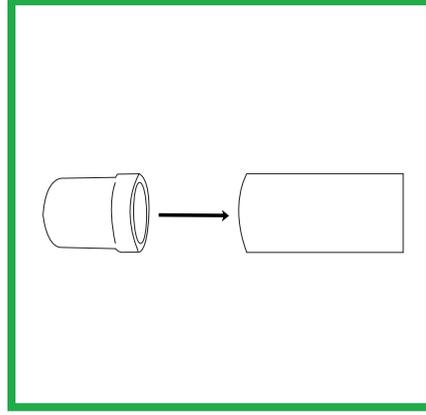


TIP!

Step 10: Install Irrigation Pipe



Pull irrigation line straight and fix in place with cable ties provided.



Process Comments

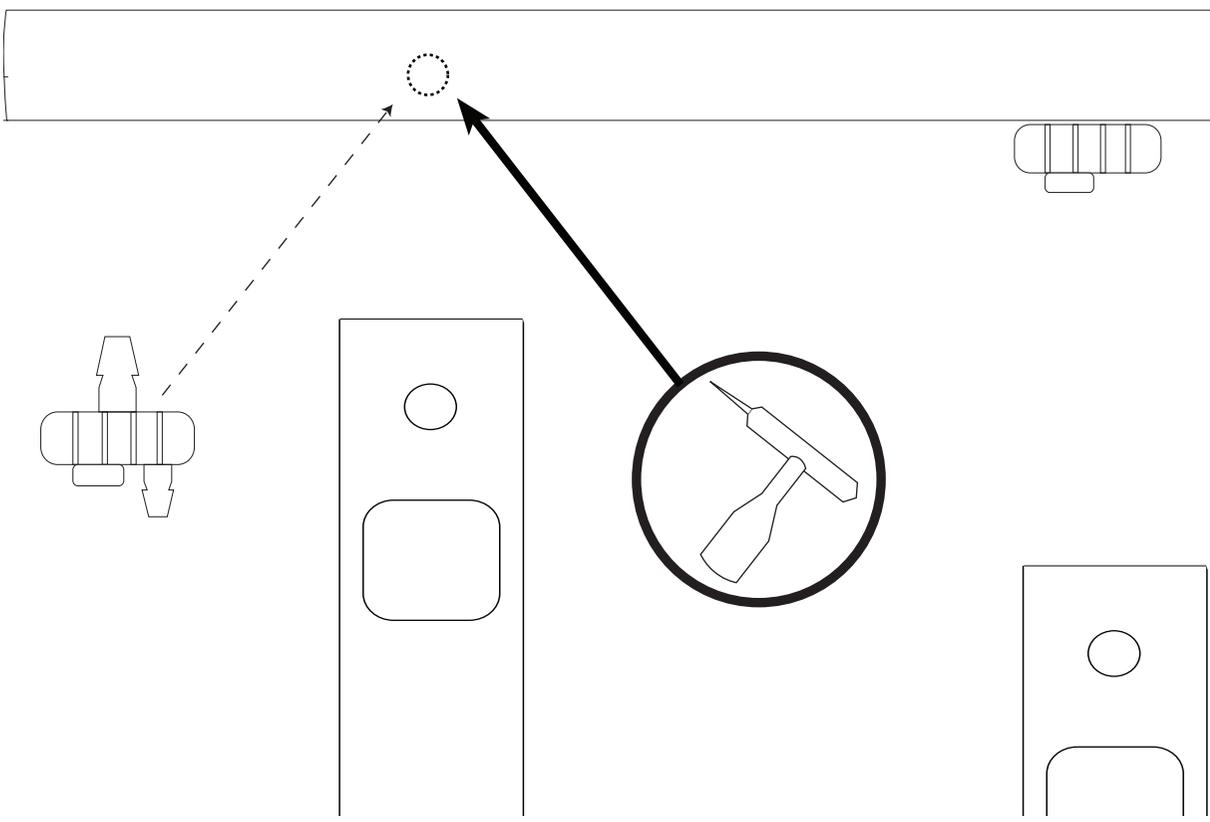
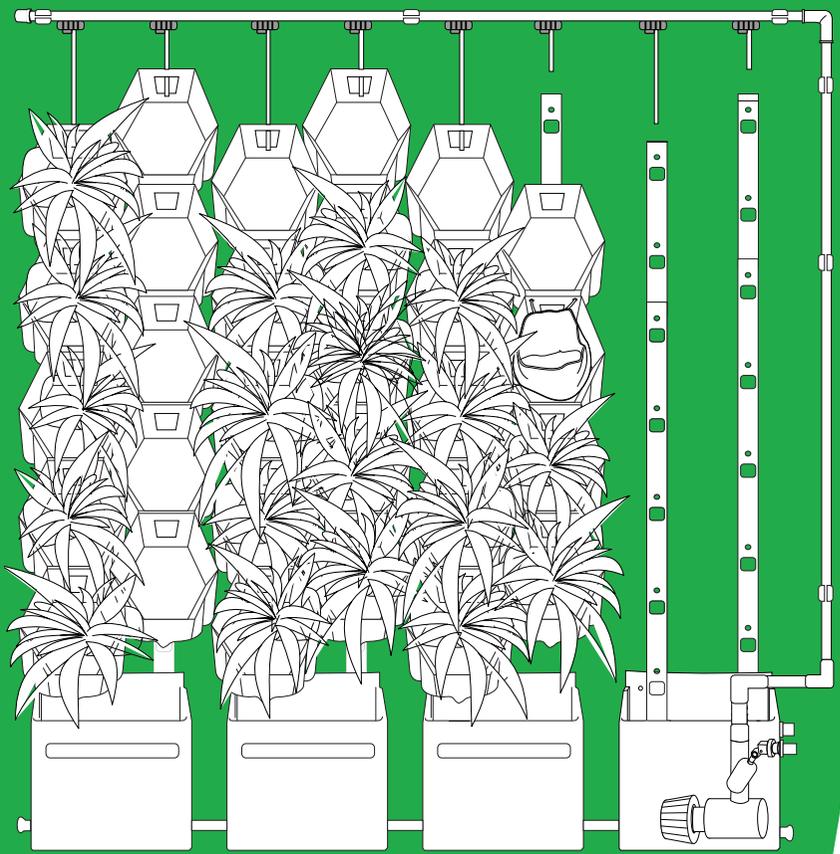
Install irrigation pipe using pipe clips to secure to the wall. Use the pipe connectors provided to join the pipe.

TIP!

Do not install cable ties directly above rails as they interfere with the drippers.

The diagram shows three vertical pipe sections. The first has a cable tie attached directly above a drip emitter, marked with a large 'X'. The second has a cable tie attached to the side of the pipe, marked with a checkmark. The third has a cable tie attached directly above another drip emitter, also marked with a large 'X'. A dashed arrow points from the text to the correct placement on the second pipe.

Step 11: Install Drippers



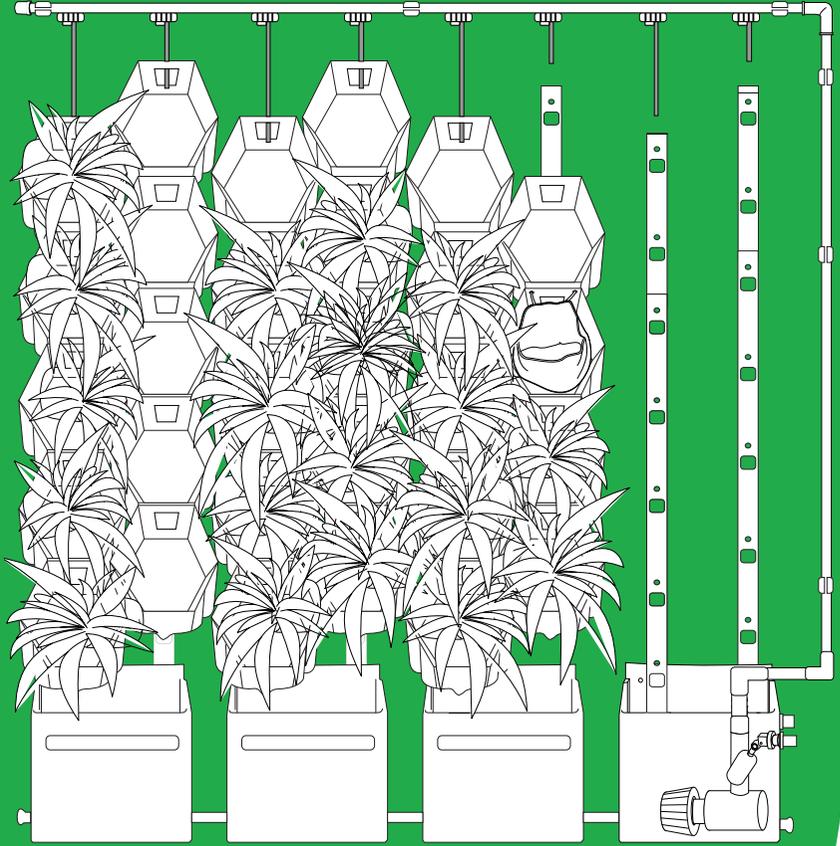
Process Comments

Punch hole in pipe above rail. Insert dripper and make sure dripper is at a 45° downward angle.

TIP!

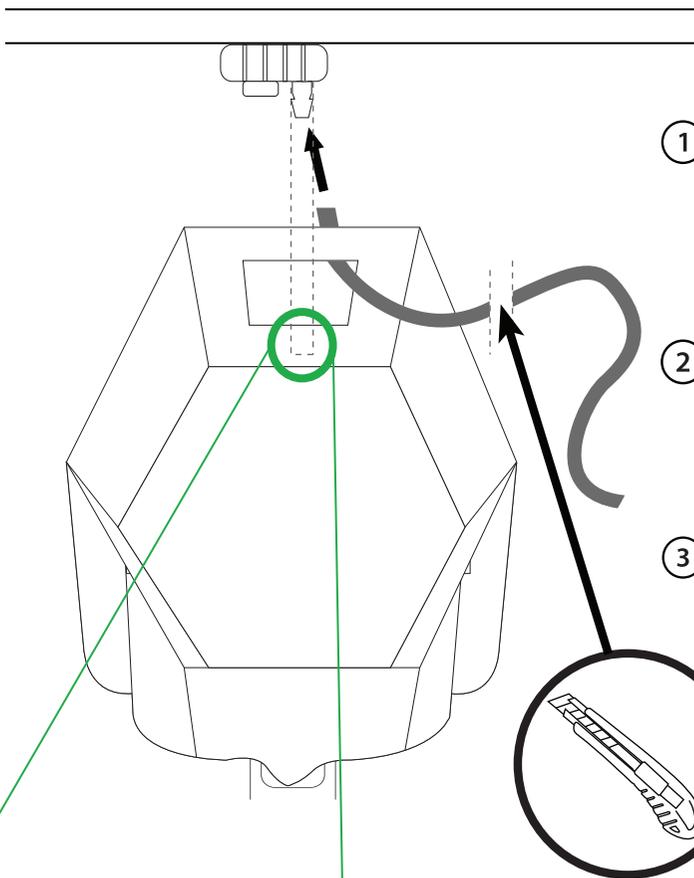
The tip box illustrates the correct and incorrect ways to install a dripper. The correct method is to insert the dripper at a 45-degree downward angle. Two incorrect methods are shown: inserting the dripper at a 90-degree angle and inserting it at a 45-degree upward angle.

Step 12: Extend Drippers

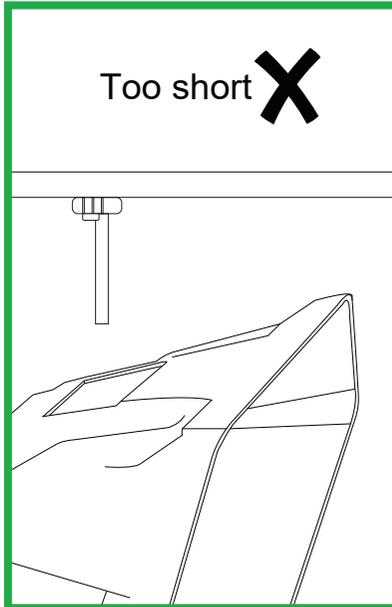
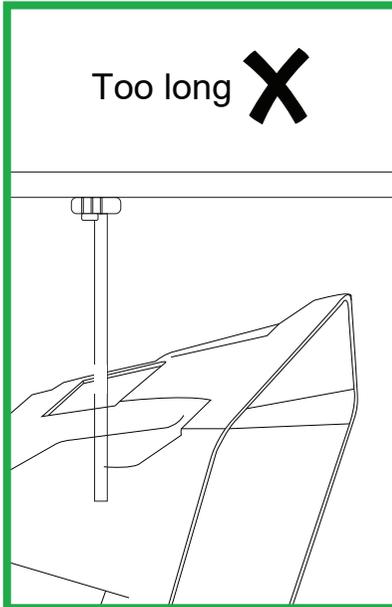
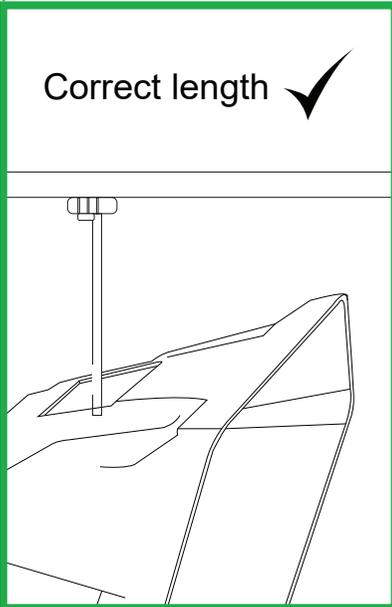


Process Comments

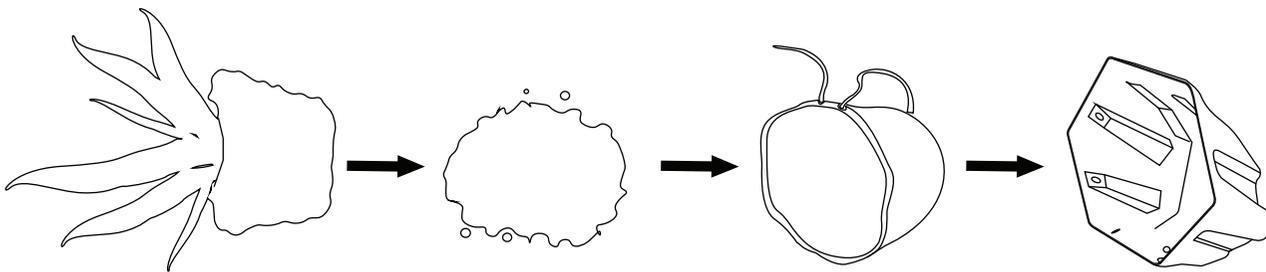
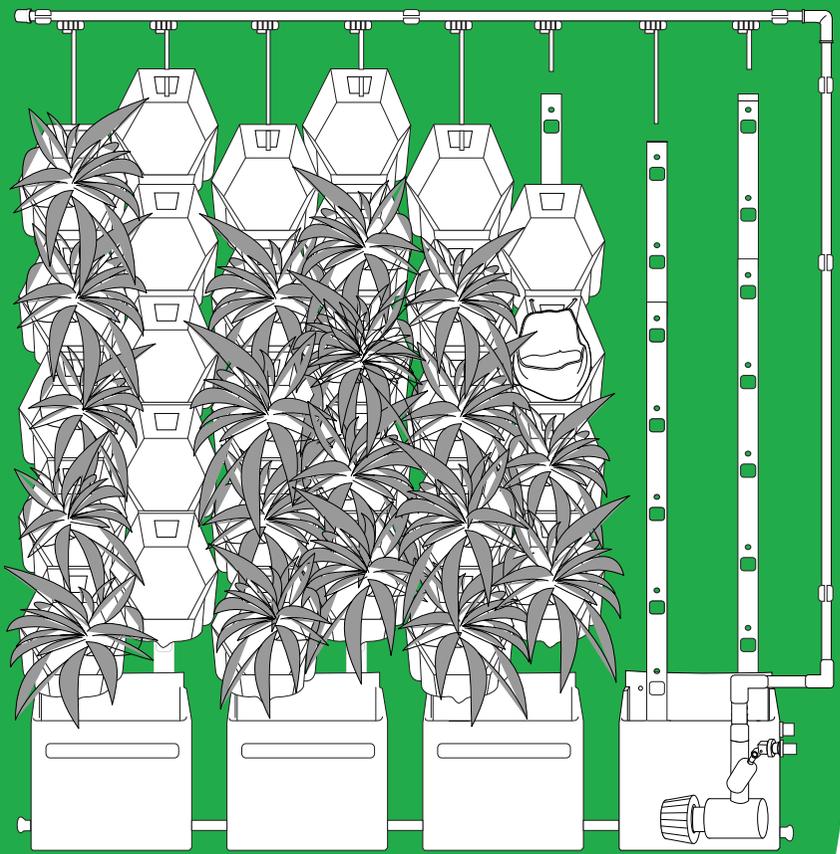
Extend dripper and insert into pot.



- ① Feed dripper extension pipe through the pot opening. Press onto dripper nozzle.
- ② Cut dripper extension pipe from inside the pot.
- ③ Ensure pipe is long enough to remain within the pot opening.



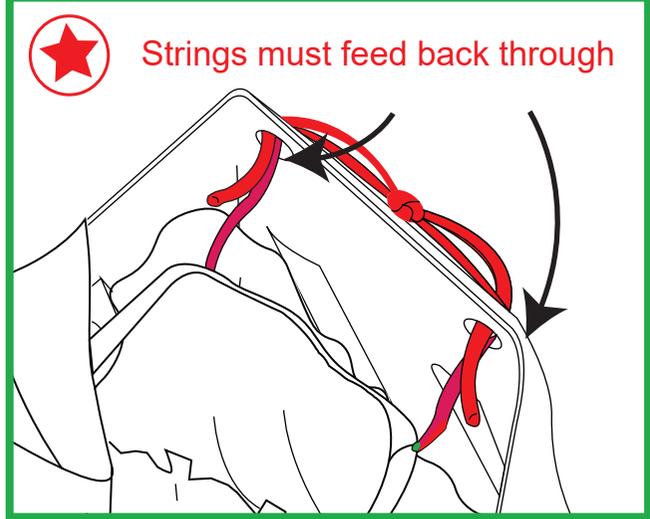
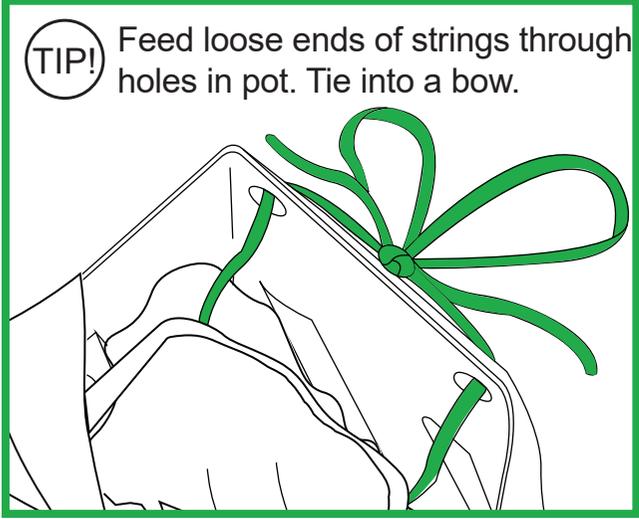
Step 13: Planting of Pots



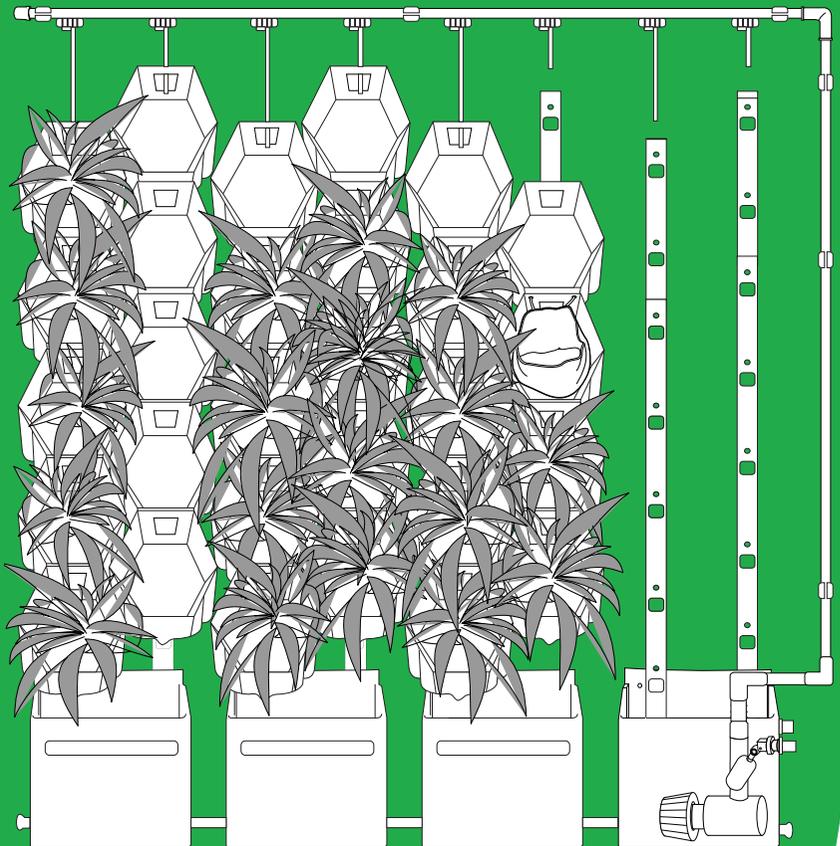
Failing to tuck the strings away will lead to significantly increased trouble shooting time.

Process Comments

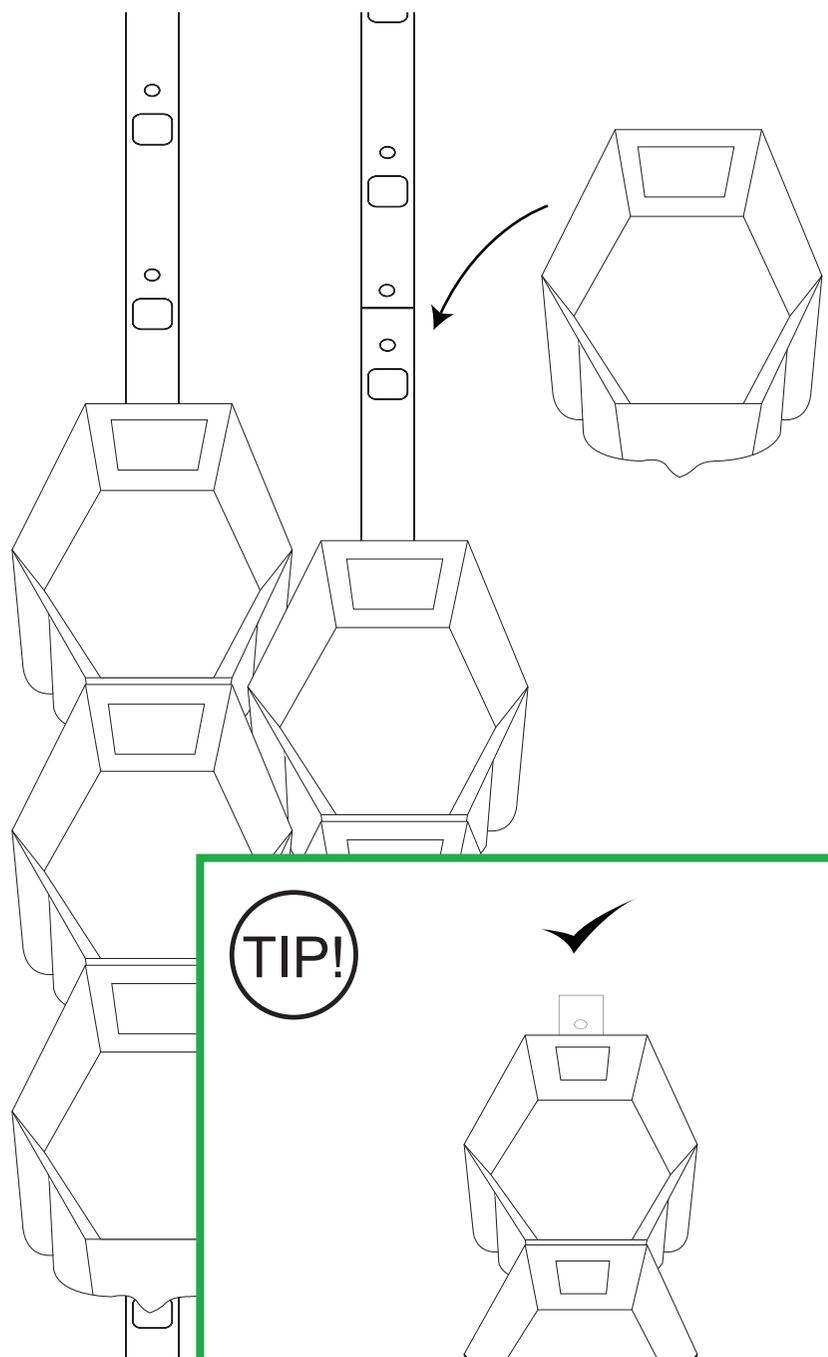
Transplant from grow pot to the planter bag. Tie bag into the hex pot.



Step 14: Pot Installation



Process Comments
Starting at the bottom clip
pots onto rails.
Ensure proper alignment



TIP!

✓

✗

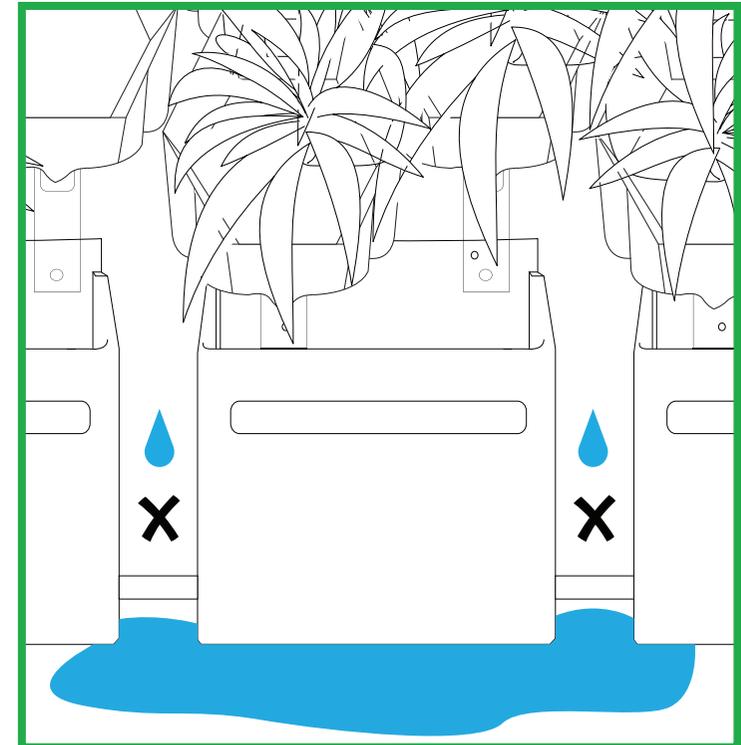
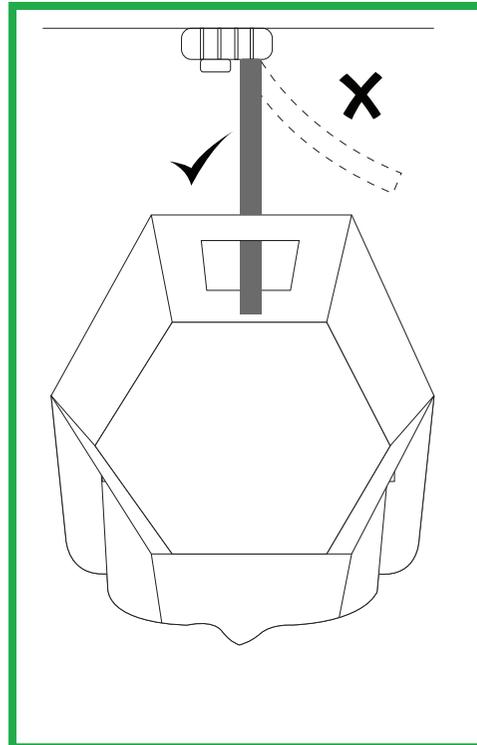
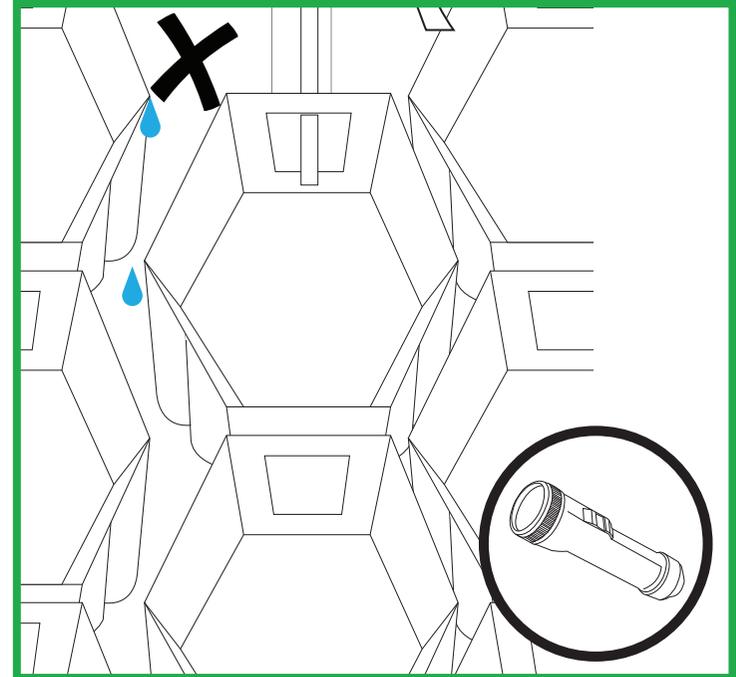
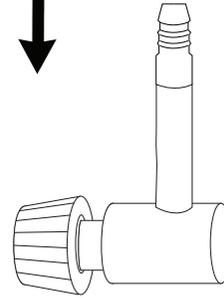
Step 15: Testing Irrigation System

Process Comments

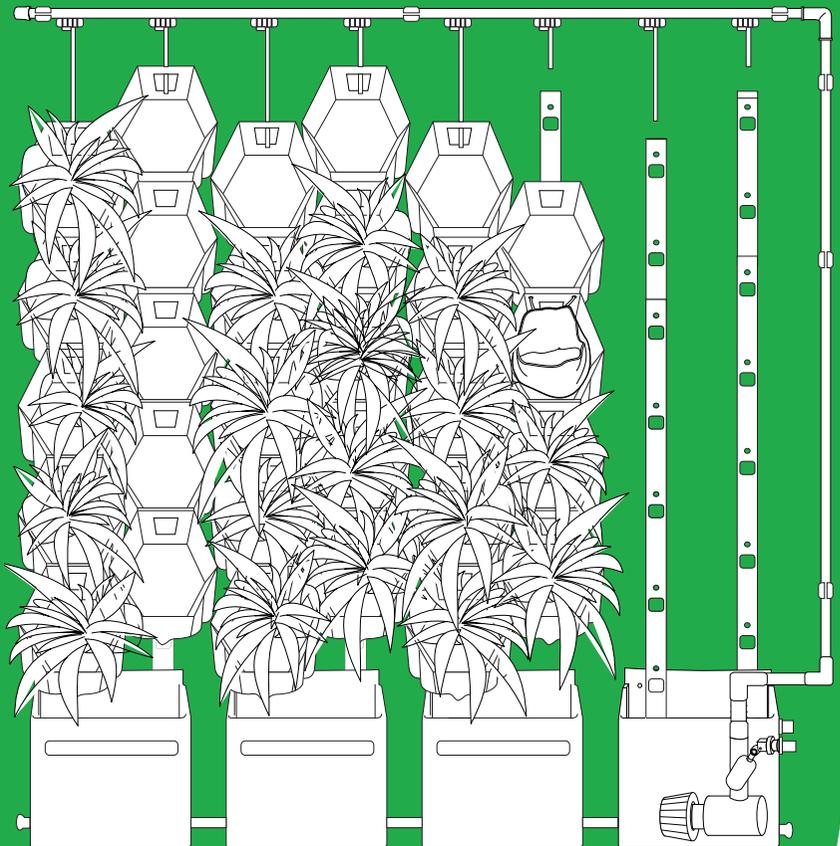
- Check drippers are inserted correctly into pots.
- Test run the irrigation system and observe for leaks.
- Run the irrigation until water is dripping from the bottom pots
- Check for water running down the drop sheet.
- If water is running down the drop sheet or not dripping from a row of pots, inspect that row for a pot out of alignment or a bag-tie or leaf blocking the input hole.

Turn on pump until drippers all flowing.

1-2
HOURS

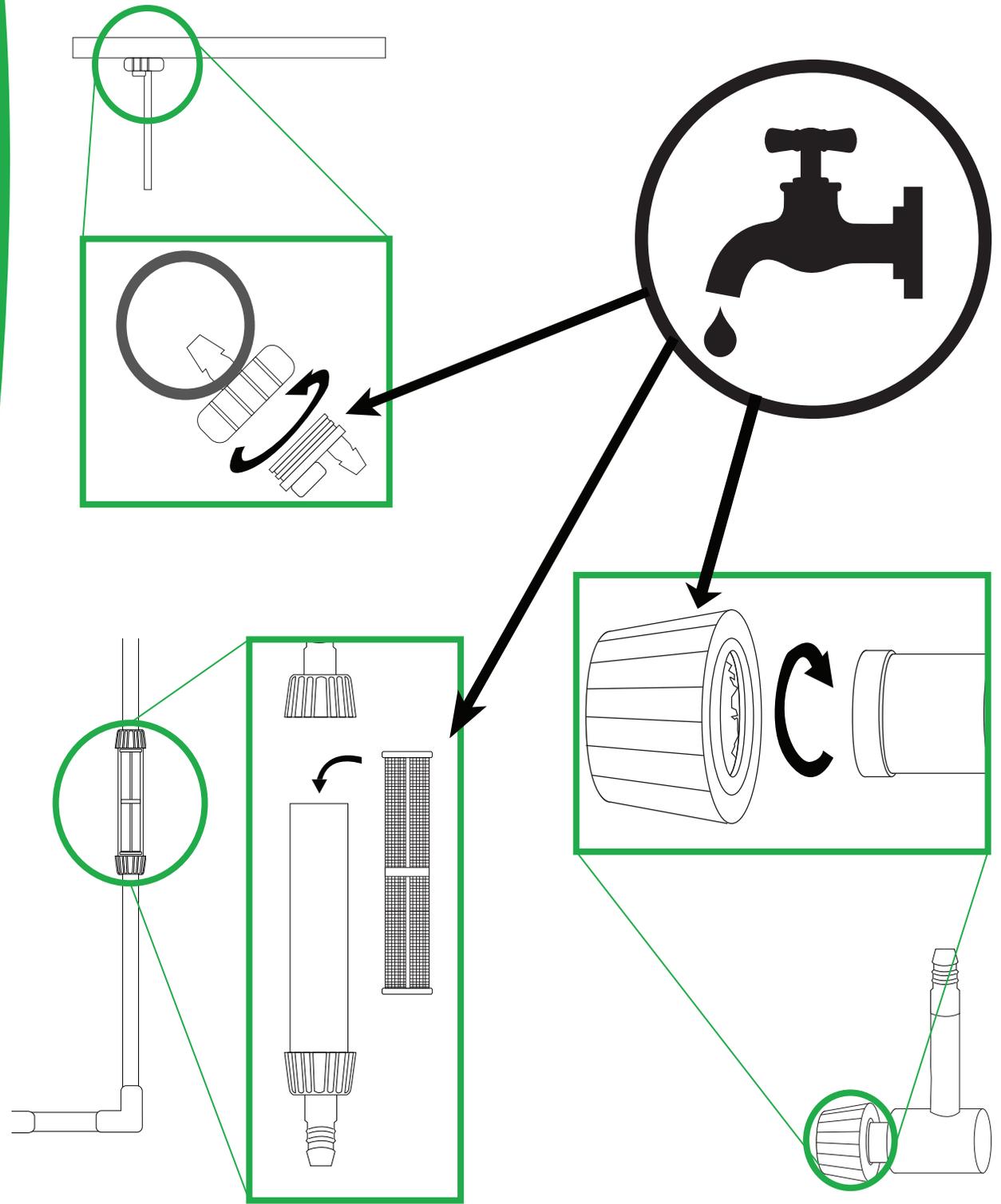


Step 16: Routine Maintenance

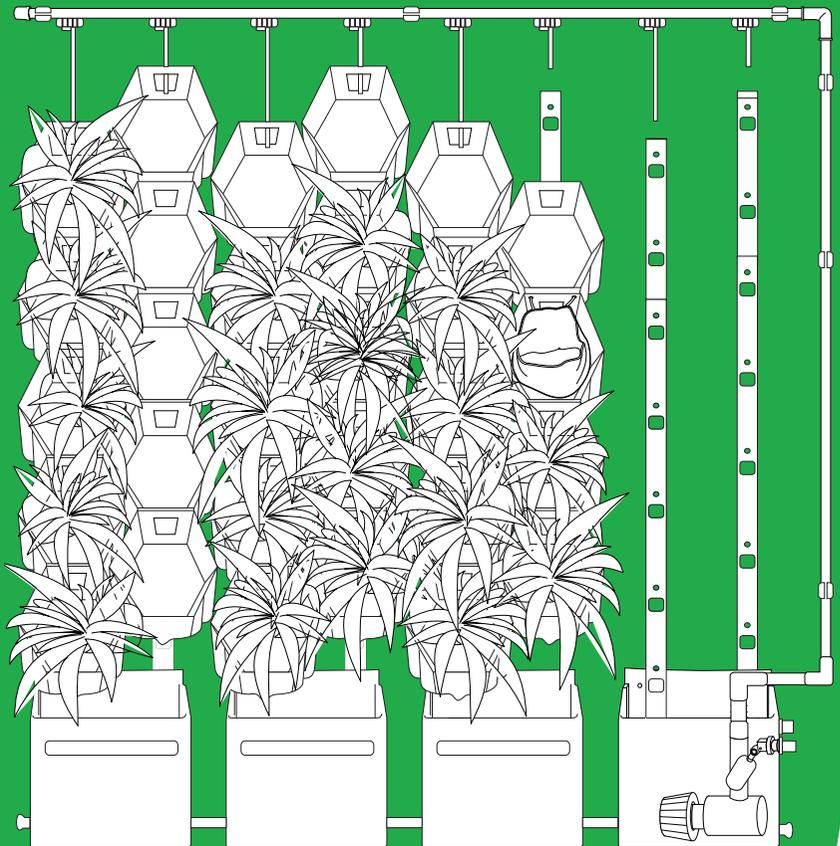


Process Comments:

Remove dripper, pump filter and inline filter as shown. Clean and re-attach.



Step 17: Tank Maintenance

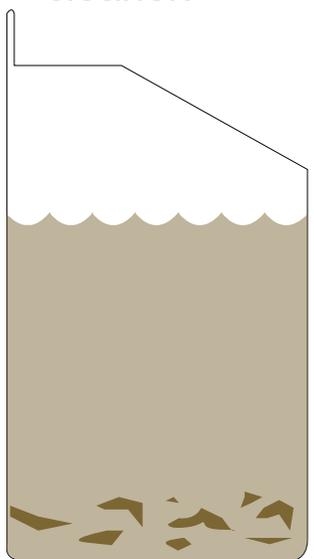


Process Comments:

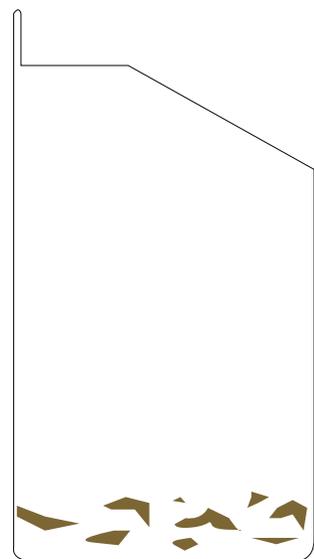
Drain the tanks and wipe down and clean.
Refill with fresh water.



① Drain water using a wet vacuum cleaner.



② Clean out all dirt and debris.



③ Refill tanks.

