

Healthy House System
proposed location
in back of existing
Municipal Garage

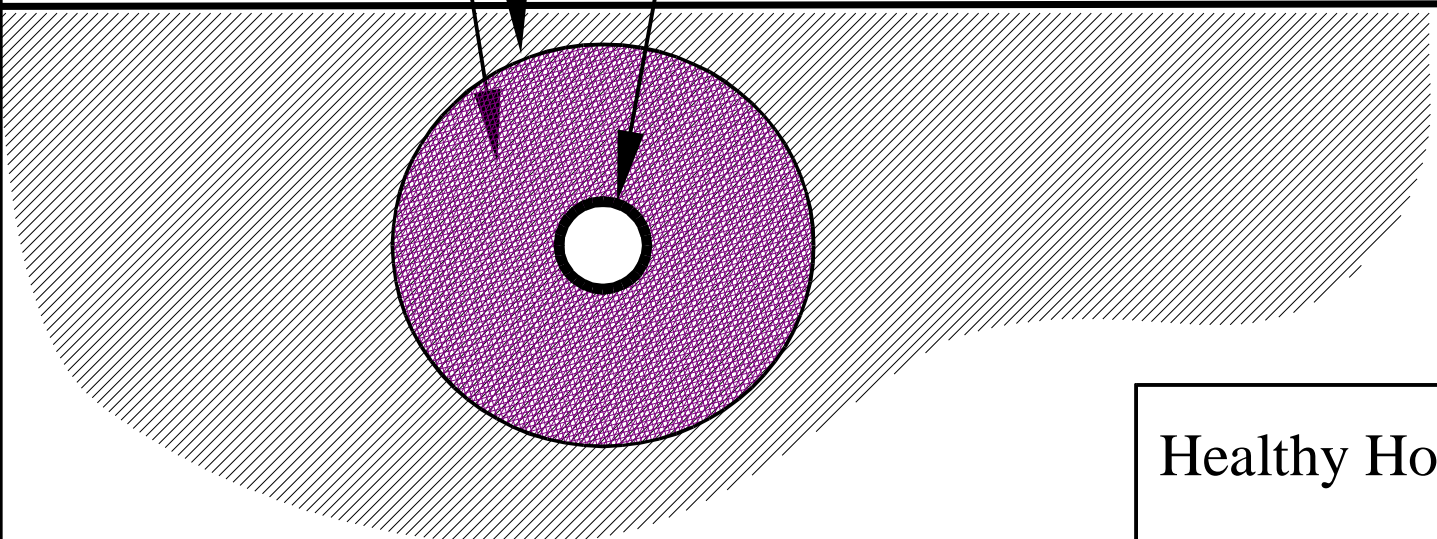
Concept Layout
Apex Healthy House System
Star type layout
March 15, 2002



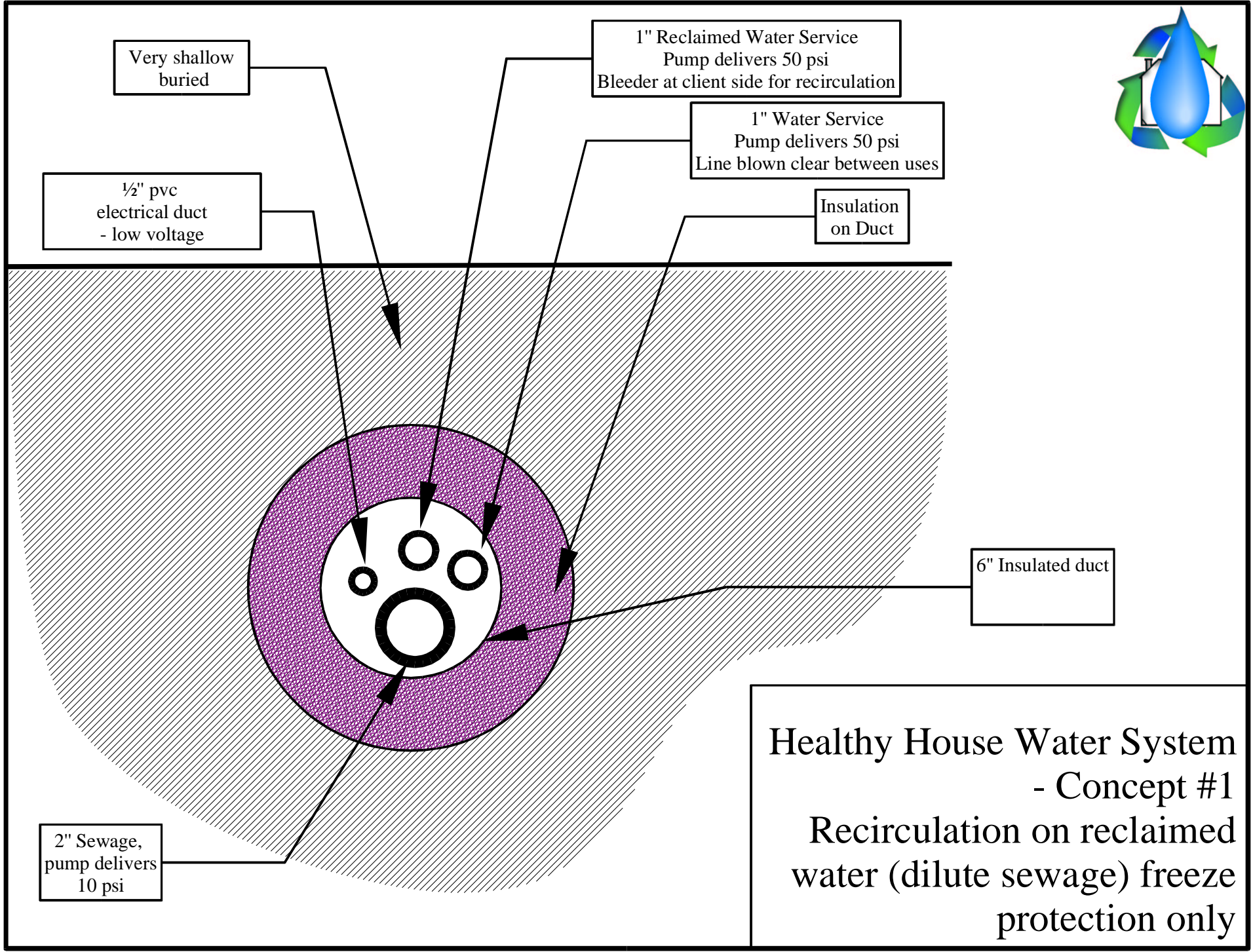
Very shallow buried

Insulation on Pipe

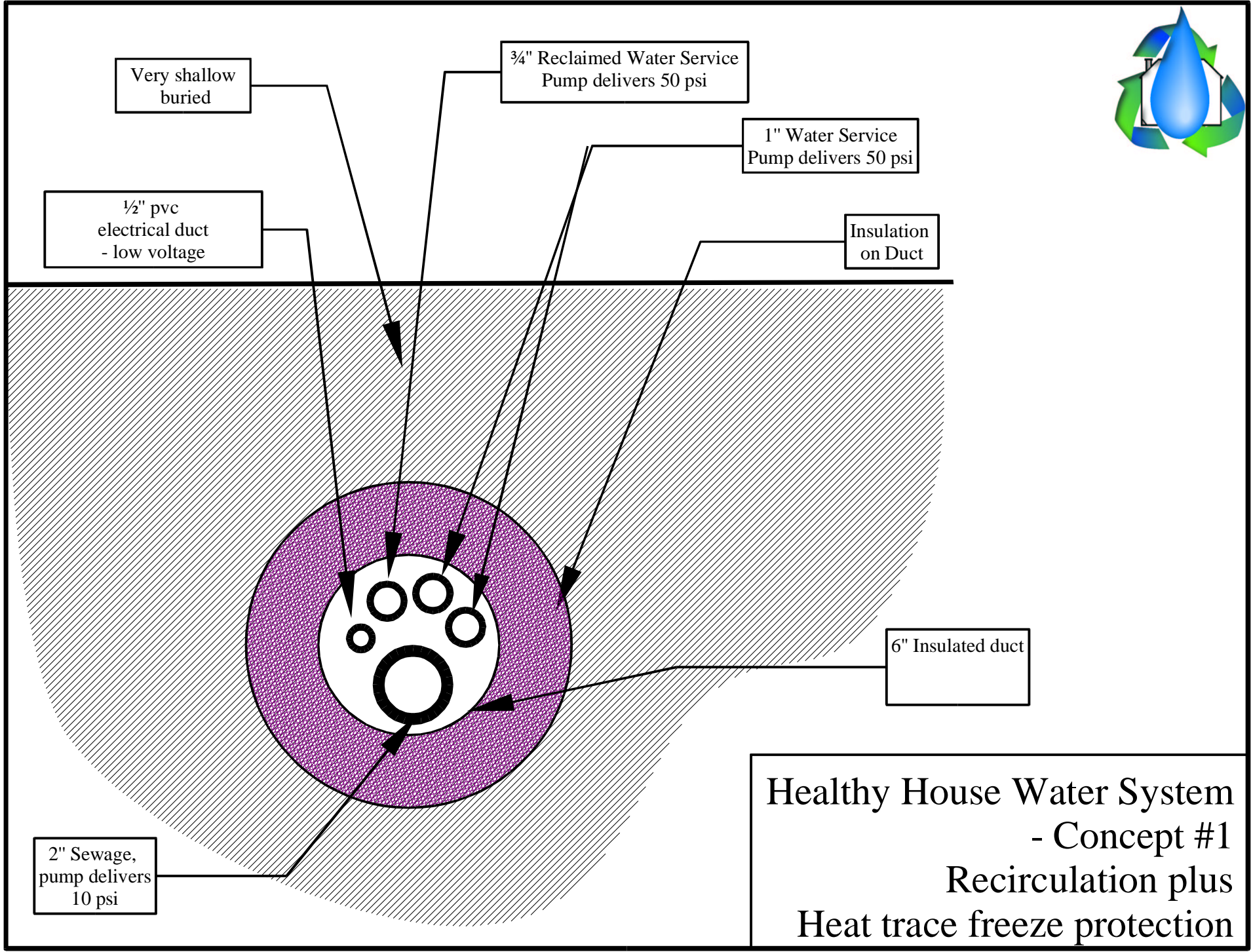
1" Reclaimed Water Disposal
Pipe empty when water not flowing
Pump delivers 50 psi
exit at ambient pressure

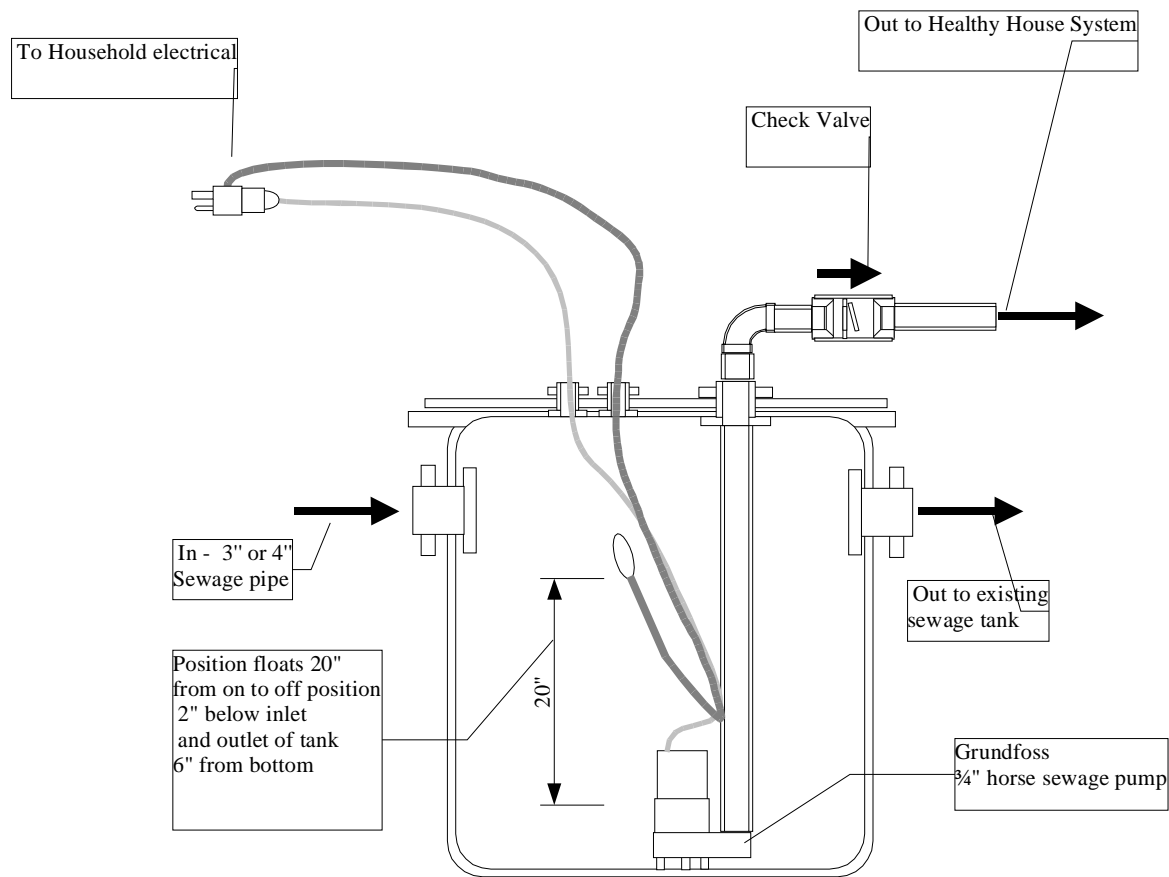


Healthy House Water System
- Concept #1
Outfall Line Section

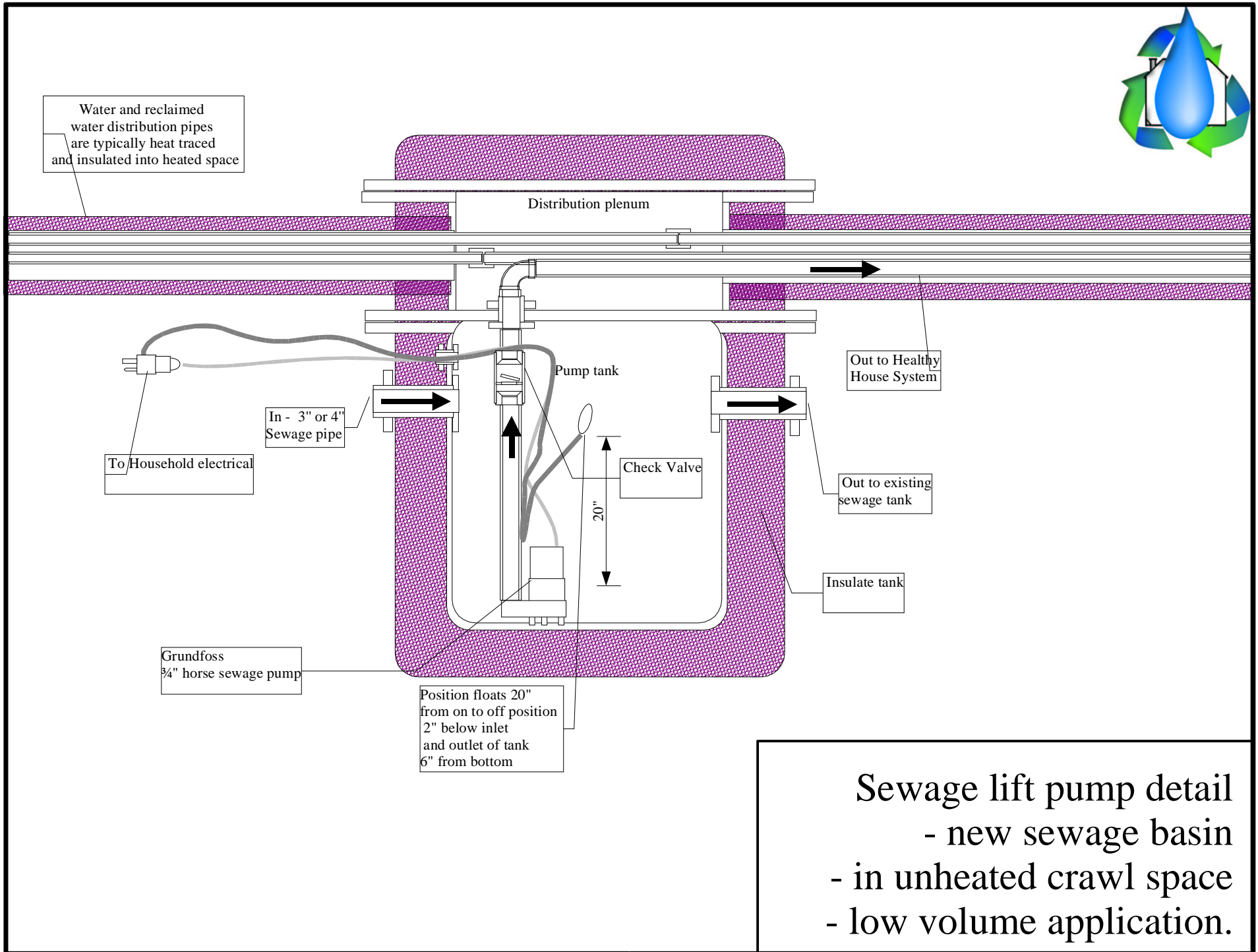


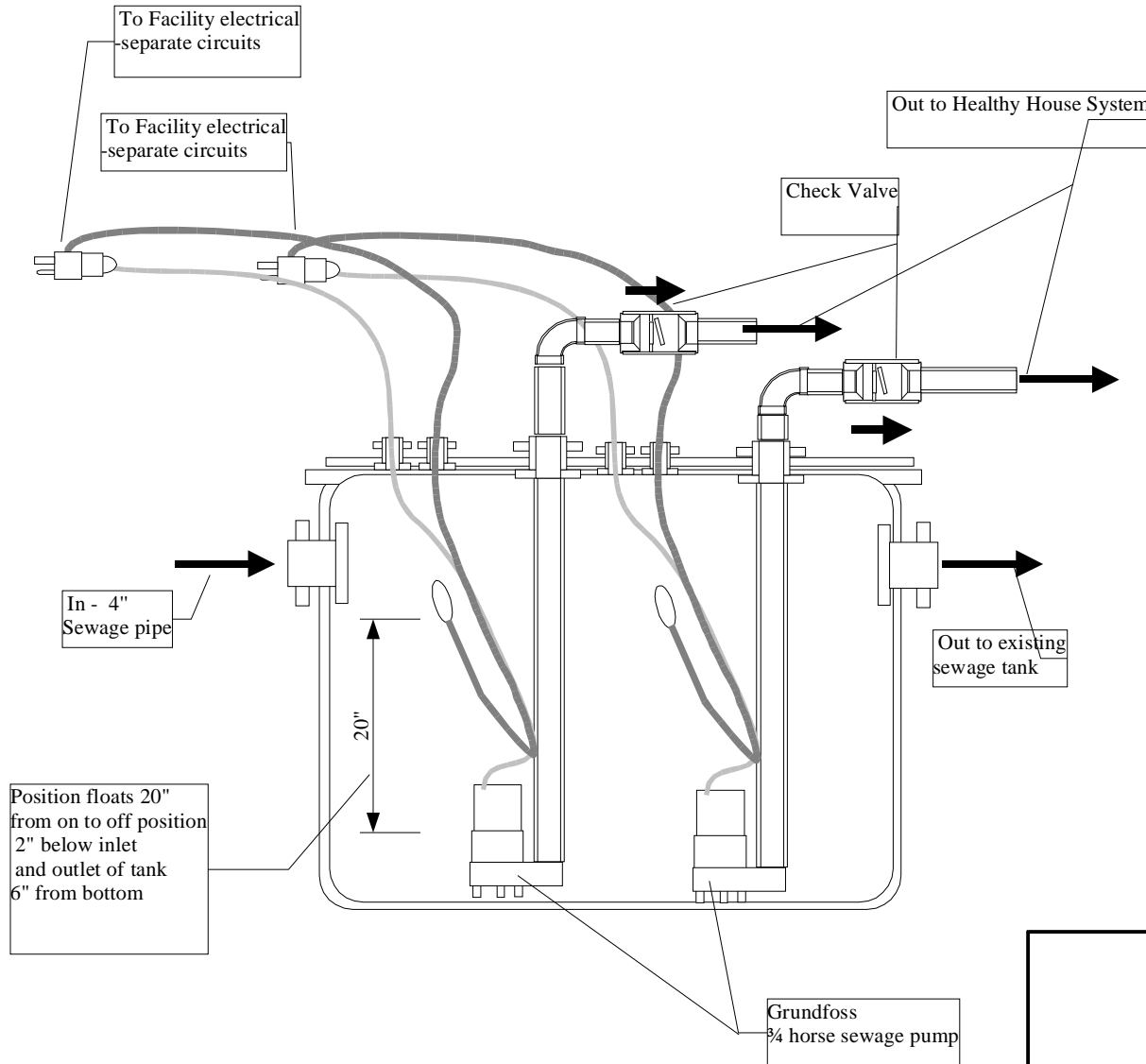
Healthy House Water System
- Concept #1
Recirculation on reclaimed water (dilute sewage) freeze protection only



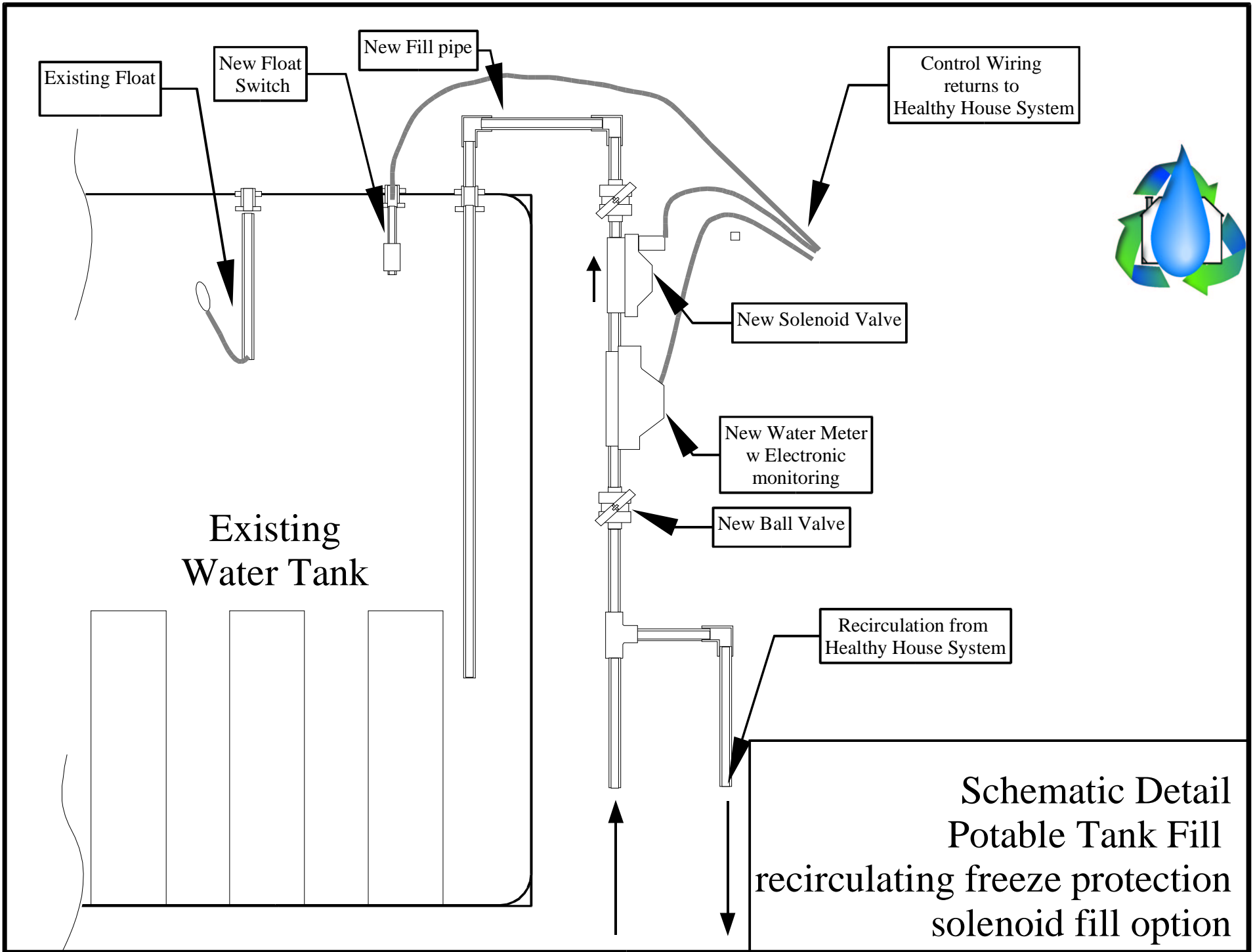


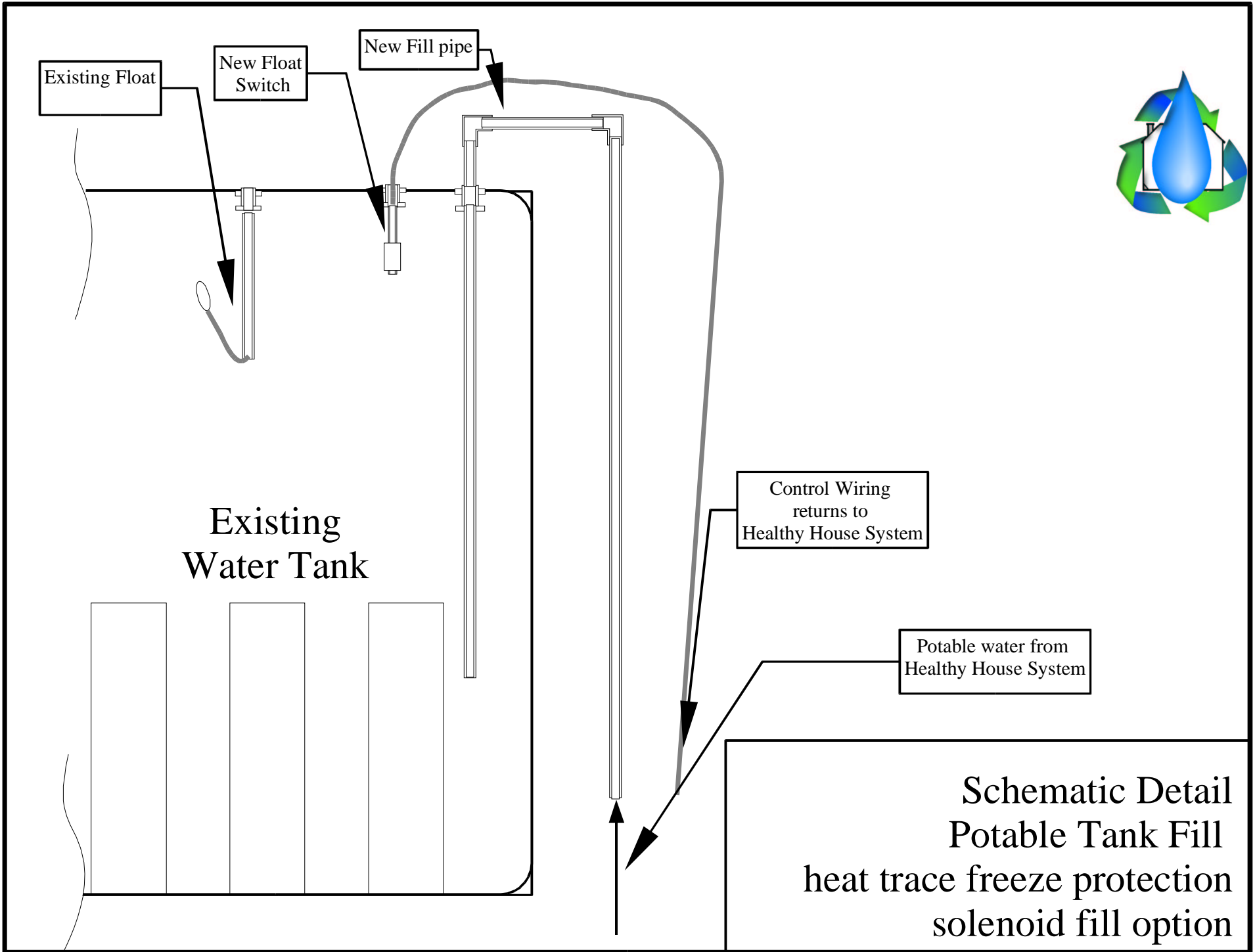
Sewage lift pump detail
- new sewage basin
- in heated crawl space
- low volume application.





Sewage lift pump detail
- new sewage basin
- in heated crawl space
- large volume application.





Existing Float

New Float Switch

New Fill pipe

Existing Water Tank

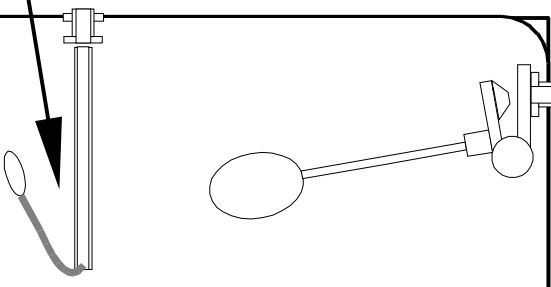
Control Wiring returns to Healthy House System

Potable water from Healthy House System

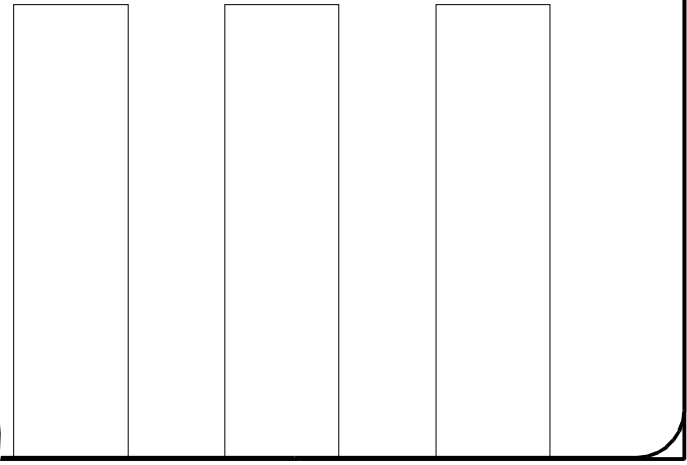
Schematic Detail
Potable Tank Fill
heat trace freeze protection
solenoid fill option



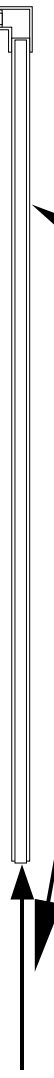
Existing Float



Existing Water Tank



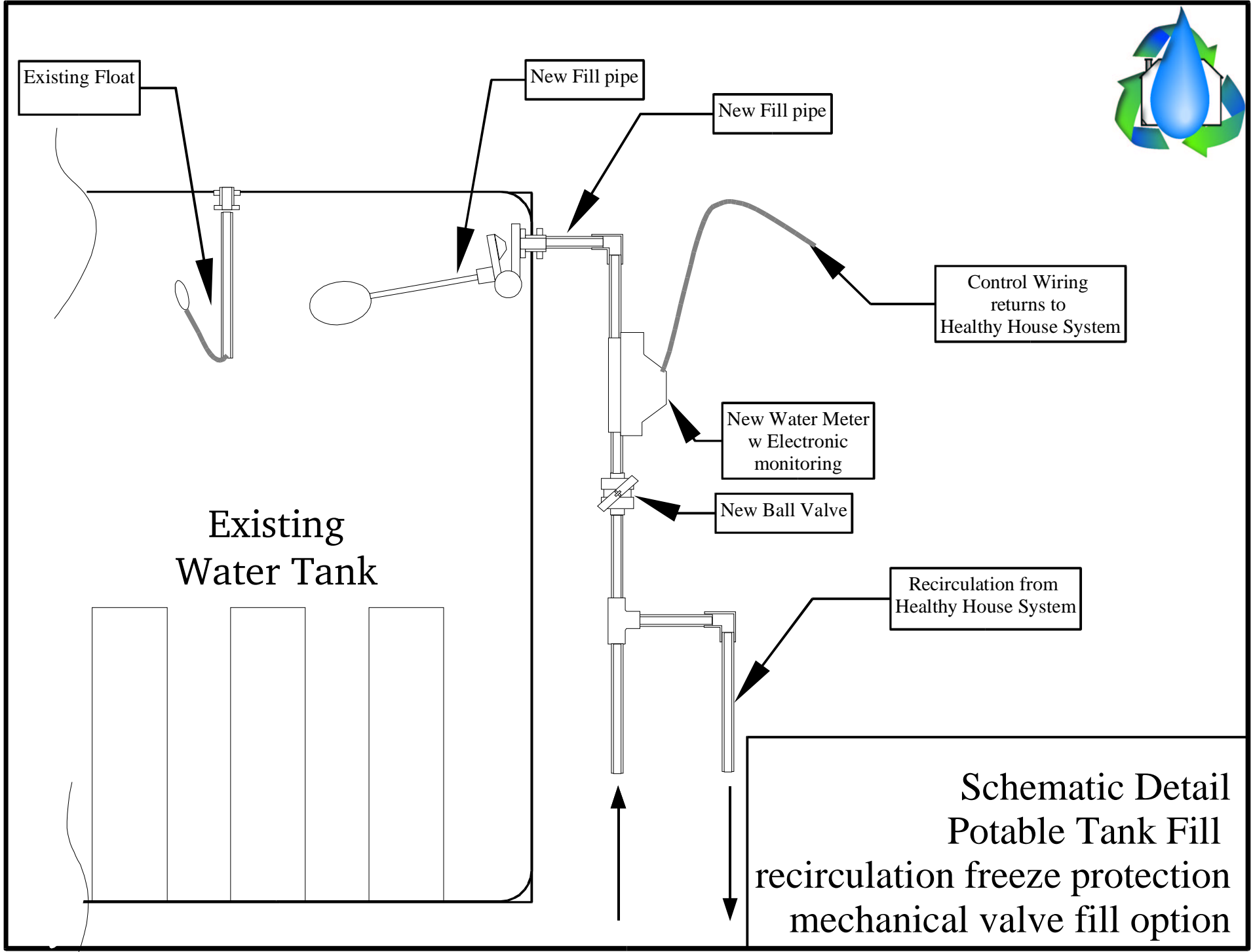
New Fill pipe



Potable water from Healthy House System



Schematic Detail
Potable Tank Fill
heat trace freeze protection
mechanical valve fill option



Schematic Detail
Potable Tank Fill
recirculation freeze protection
mechanical valve fill option