PEARSON
HEATING SYSTEMS INC

THE CONCRETE COOLING AND HEATING SPECIALIST

RECYCLED WATER TEMPERATURE CONTROL

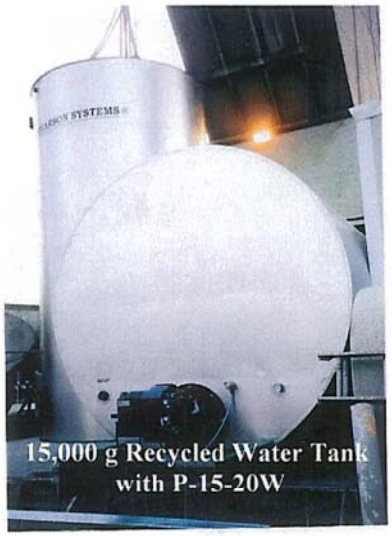
SETTING THE STANDARD FOR CONCRETE PRODUCTION

STORAGE, HEATING AND COOLING OF THE RECYCLED WATER

Process Water, Waste Water, Recycled Water, and Gray Water, we hear these terms all the time in the Ready Mixed Concrete Industry. Water management is a major concern for our customers and part of that concern is not only the storage of the water but the heating and cooling of the recycled water prior to its introduction back into the mix or usage for other applications.

Pearson Systems has developed a new system that will provide a solution to the water management problem. The new recycled water storage vessel when used in conjunction with our heating and cooling systems can provide a low maintenance solution to pre-heating or cooling recycled water.

- Vertical design allows for much needed additional storage capacity in a small area.
- Segregating the recycled water eliminates the maintenance problems associated with circulating this water through a heater or a chiller.
- An external steel jacket surrounds the vessel, transferring temperature to the tank contents.
- Vessels have no internal components which minimizes the maintenance factor so common with other types of systems.
- A special gray water stainless steel supply pump also serves as a re-circulation pump.



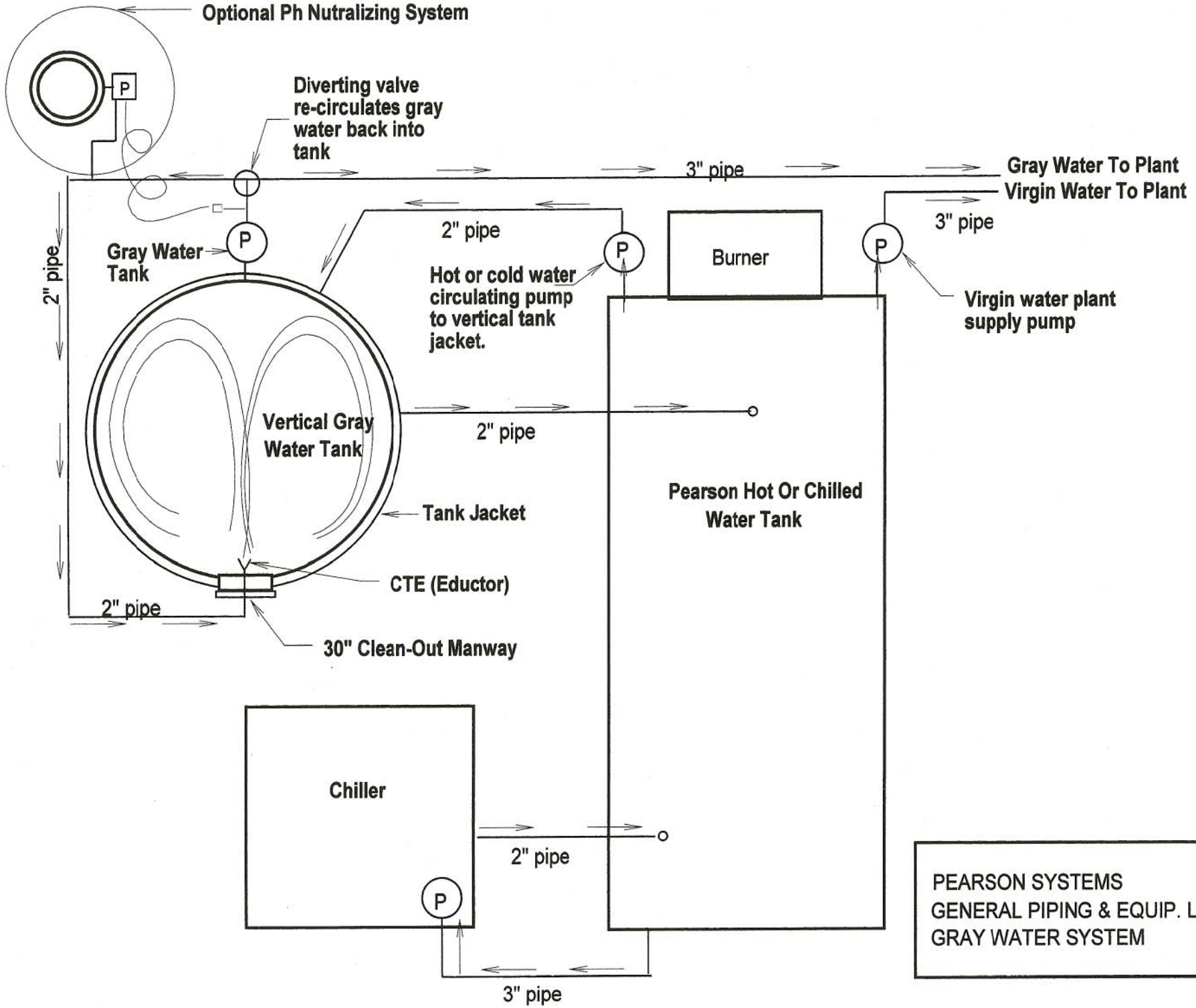
15,000 g Recycled Water Tank with P-15-20W

- Eductor nozzle agitates the tank bottom preventing the build up of solids on the tank floor.
- All vessels are completely insulated, weatherproof and include a 30" diameter side and 24" top man-way.
- These new vessels are available in capacities from 10,000 gallons to 30000 gallons.
- *Optional PH Control System available.*

PEARSON
HEATING SYSTEMS INC

213 Hess Rd
Grasonville, MD 21638
ph: 410-827-8027, fax: 410-827-3047

(See Other Side for General Layout)


Optional Ph Nutralizing System
P
Diverting valve re-circulates gray water back into tank
3" pipe
Gray Water To Plant
Virgin Water To Plant
3" pipe
2" pipe
Gray Water Tank
P
2" pipe
P
Hot or cold water circulating pump to vertical tank jacket.
Burner
P
Virgin water plant supply pump
2" pipe
Vertical Gray Water Tank
2" pipe
Pearson Hot Or Chilled Water Tank
Tank Jacket
CTE (Eductor)
2" pipe
30" Clean-Out Manway
Chiller
2" pipe
P
3" pipe
PEARSON SYSTEMS
GENERAL PIPING & EQUIP. LAYOUT
GRAY WATER SYSTEM