

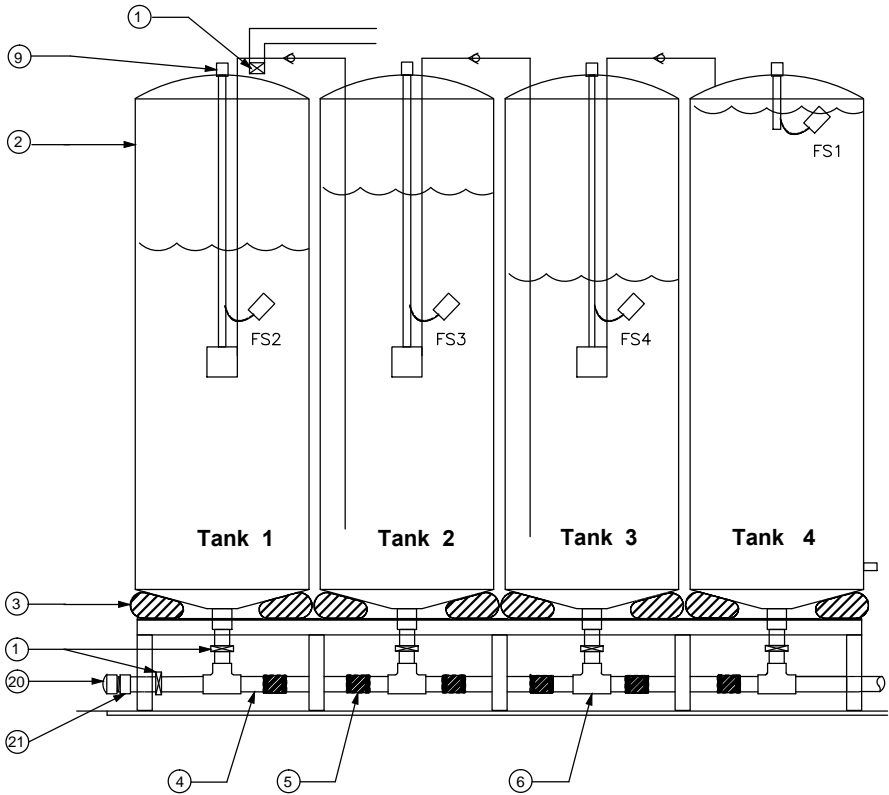
Notes: ①

1. Gate valve, 1 1/2" size typ.
2. 100 gallon polypropylene water tank.
3. Jim Buoy life preserver Install see detail 2-sheet 8.
4. PVC pipe schedule 40, 1 1/2", typ.
5. Flexible PVC coupling, Install with stainless clamps per manufacturer specs. typ.
6. PVC Tee, 1 1/2" typ.
7. Vinyl 90N Ell, 1/2" barbed type. typ.
8. Check valve, 1/2" brass swing type line size, install typ.
9. Female coupling, typ.
10. Vinyl tubing-, 1/2" typ.
11. Support rod, typ.
12. Float switch- tanks 2-4 N.O., Locate FS2, FS3 & FS4 to close when tank water level is 30" from top of tank. Attach to support rod (11) with zip ties. Locate FS1 to open when water level is 2" below top of tank 4.
13. Transfer pump, typ. Locate at center of tank
14. Bulkhead fitting, 1 1/2" female thread typ.
15. Half-nipple, 1 1/2" x3" galvanized, typ.
16. Barbed PVC fitting, 1/2".
17. PVC tubing schedule 40, 1/2" diam. x 4' L
18. Brass nipple 1/2"x6" L
19. Bulkhead fitting, 1/2" female threaded.
20. PVC Cap threaded connect to male adapter.
21. PVC male threaded adapter, 1 1/2"

Note: Use 1/2" barbed nylon fittings & 1/2" vinyl tubing between tanks.

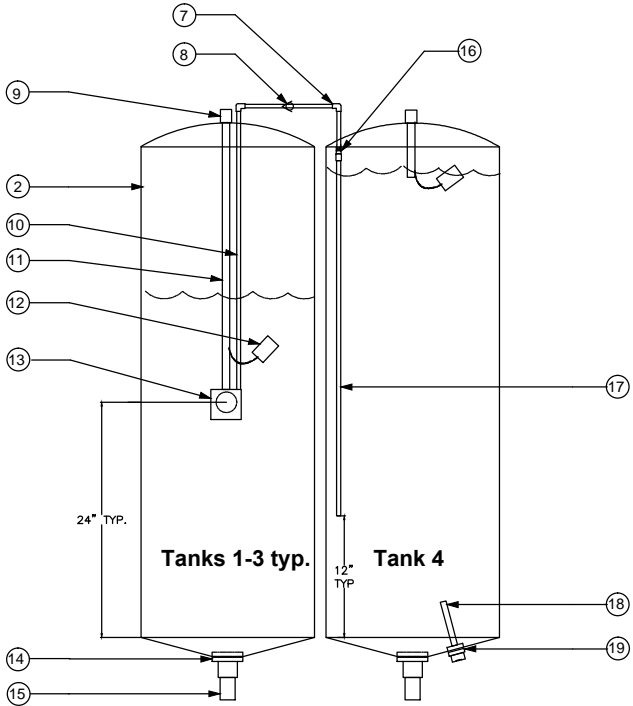
Materials List

Item	Quantity	Description	Part #	Supplier
1	6	1 1/2" gate valve		*Valterra
2	4	100 gallon Polypropylene vertical tank.	44000115	*Core-Rosion Products
3	4	*Jim Buoy life preserver, 24" diam.	JBW-24	*jimbuoy.com
4		PVC schedule 40 pipe, 1 1/2" diam.		Local hardware store
5	6	Flexible PVC coupling with stainless steel clamps, line size		*Ferenco.com
6	4	PVC Tee-1 1/2"		Local hardware store
7	6	Vinyl 90N Ell, 1/2" barbed type		Local hardware store
8	3	Check valve-1/2" brass swing type		Local hardware store
9	4	Female coupling-1/2" SCH 40 PVC		Local hardware store
10		Vinyl tubing 1/2"		Local hardware store
11	4	Support rod-1/2" SCH 40 PVC pipe (tanks 1-3=3" L, tank 4=1'L)		Local hardware store
12	4	Float switch- tanks 1-3 N.O., tank 4 N.C.		manufacturer?
13	3	Transfer pump-Little Giant	2E-38N-WG	*Blowerwheel.com
14	6	Bulkhead fittings 1 1/2" female thread	TF5	Aquatic Eco
15	4	Half-nipple-1 1/2" x 3" galvanized		Local hardware store
16	1	Barb to thread PVC fitting, 1/2"		Local hardware store
17		PVC tubing 40, 1/2" diam.x @ 4' L		Local hardware store
18	1	Nipple-1/2" x 6" brass		Local hardware store
19	1	Bulkhead fittings 1/2" female thread	TF1	*Aquatic Eco
20	1	PVC threaded cap, 1 1/2"		Local hardware store
21	1	PVC male threaded adapter, 1 1/2"		Local hardware store
		Note: * Or approved equal.		



Elevation Tanks 1,2,3,4

Scale 1"=1'



Elevation

Scale 1"=1'

NOT TO SCALE

