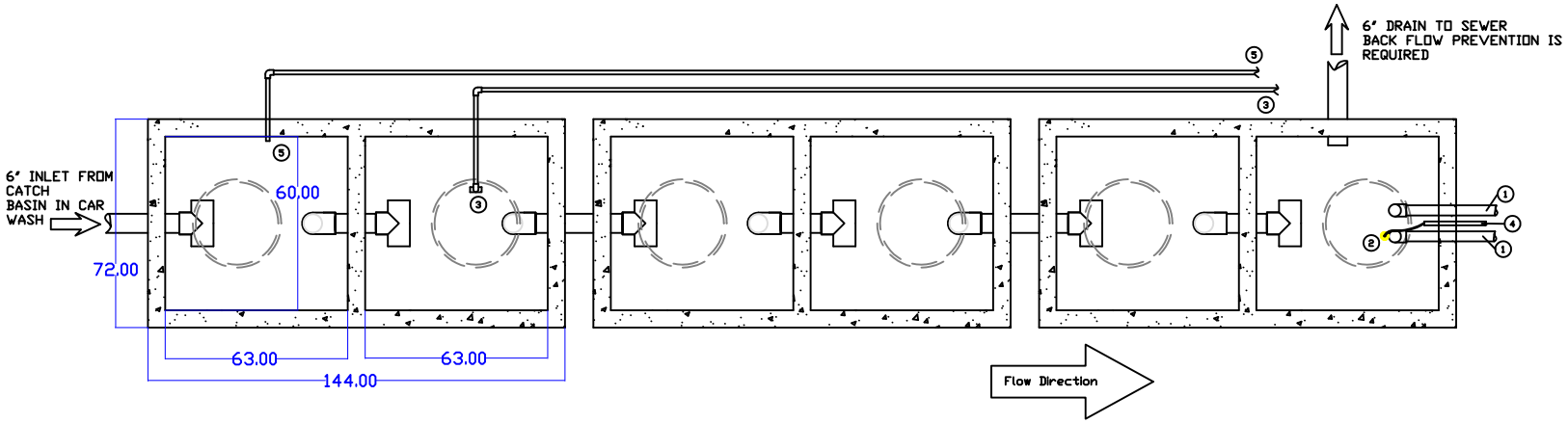
3 TANK CONFIGURATION
FOR 5 MICRON PUR-WATER RECOVERY SYSTEMS

THIS IS THE SUGGESTED IDEAL CONFIGURATION FOR A 60 TO 90 GPM MODERATE TO HIGH VOLUME PUR-WATER SYSTEM. PUR-WATER RECOGNIZES THE FACT THAT SEPTIC TANKS ARE A LOCAL BUSINESS AND NOT ALL AREAS WILL HAVE THESE CONFIGURATIONS. THIS DRAWING IS OFFERED AS A GUIDLINE ONLY. IF YOU HAVE ANY QUESTIONS ABOUT A SIZE OR CONFIGURATION OF TANKS IN YOUR AREA, PLEASE CONTACT PUR-WATER AT 800-882-8854



① TO PURWATER RECOVERY SYSTEM (2) 2" (PW200) OR (2) 2" (PW300) SCH 80 PVC SUCTION LINES, ONE TO SERVE AS A SPARE. LINES ARE STRAPPED TO THE TANK WALL. INSTALL SCH 80 UNIONS ABOVE THE WATERLINE TO ALLOW SERVICING OF EACH SUCTION LINE. TERMINATE SUCTION LINES W/ FULL FLOW FLAPPER CHECK VALVES (PURWATER SUPPLIED). NO SPRING LOADED FOOT VALVES

② PURWATER PROVIDED (1) LOW-LOW SAFETY LEVEL FLOAT SHOULD BE MOUNTED SO THAT IT WILL BE IN THE DOWN POSITION 8" ABOVE THE BOTTOM OF THE FLAPPER CHECK. THIS FLOAT CONTROLS THE SAFETY FUNCTION TO PROTECT THE PUMP FROM A LOW WATER SITUATION.

③ (1) 1" SCH 80 AIR SPARGER OR OZONE RECIRCULATION LINE.
FOR AIR SPARGER SYSTEMS, ALLOW THE SPARGER TO BE 6-12" ABOVE THE WATER LINE. MOUNT IN THE MANWAY, IF POSSIBLE, TO ALLOW ACCESS FOR MAINTENANCE.
FOR OZONE SYSTEMS, PLUMB THE LINE WITH A TEE, ON THE WET END, 24" UP FROM THE BOTTOM OF THE TANK.

④ (1) 1" SCH 80 PVC LINE TO SERVE AS A CONDUIT FOR (4) 14 GAUGE WIRES (TWO ARE SPARES) TERMINAITED IN A WATER TIGHT JUNCTION BOX ABOVE THER WATER LINE TO PURWATER RECLAIM SYSTEM FOR FLOAT CONTROLS.

⑤ (1) 1" SCH 80 UNDERFLOW LINE FROM THE BOTTOM OF THE RECLAIM SYSTEM CYCLONE SEPARATOR. THIS LINE SHOULD BE LEVEL, OR PREFERRABLY, SLOPE FROM THE RECLAIM SYSTEM TO THE CAR WASH CATCH BASIN OR THE FIRST COMPARTMENT OF TANK 1.

⑥ USE 6" PIPE AS INTERCONNECT PIPING BETWEEN COMPARTMENTS AND BETWEEN TANKS. ELEVATION DIMENSIONS ARE TO PIPE INVERTS.

⑦ (1) 6" SCH 80 PVC PIPE TO BE ROUTED TO SEWER OR OIL WATER SEPARATOR. NOTE: BACK FLOW PREVENTION FROM THE SEWER IS REQUIRED. CONSULT WITH LOCAL AUTHORITIES ON WHETHER FURTHER TREATMENT (I.E. OIL/WATER SEPARATION IS REQUIRED TO MEET DISCHARGE PERMIT).

NOTES:
DRAWING IS FOR REFERENCE ONLY AND IS TO BE USED FOR PLUMBING REFERENCE. CONSULT WITH TANK MANUFACTURER FOR TANK LOADS.
CONSULT WITH CIVIL ENGINEER FOR SOIL PREPARATION AND TANK PLACEMENT.
SEAL ALL TANK PENETRATIONS TO PROVIDE WATER TIGHT SEAL TO PREVENT TANK LEAKAGE INTO SOIL.
LINE TO SEWER TO HAVE BACK FLOW PREVENTION. CONSULT WITH LOCAL AUTHORITIES ON WHETHER FURTHER TREATMENT (I.E. OIL/WATER SEPARATOR IS REQUIRED TO MEET DISCHARGE PERMIT).
APPROX. TANK VOLUME IS 1500 GALLONS PER TANK, EACH TANK IS DIVIDED BY INTERNAL BAFFLE. TOTAL WATER STORAGE IS APPROX. 4500 GALLONS.