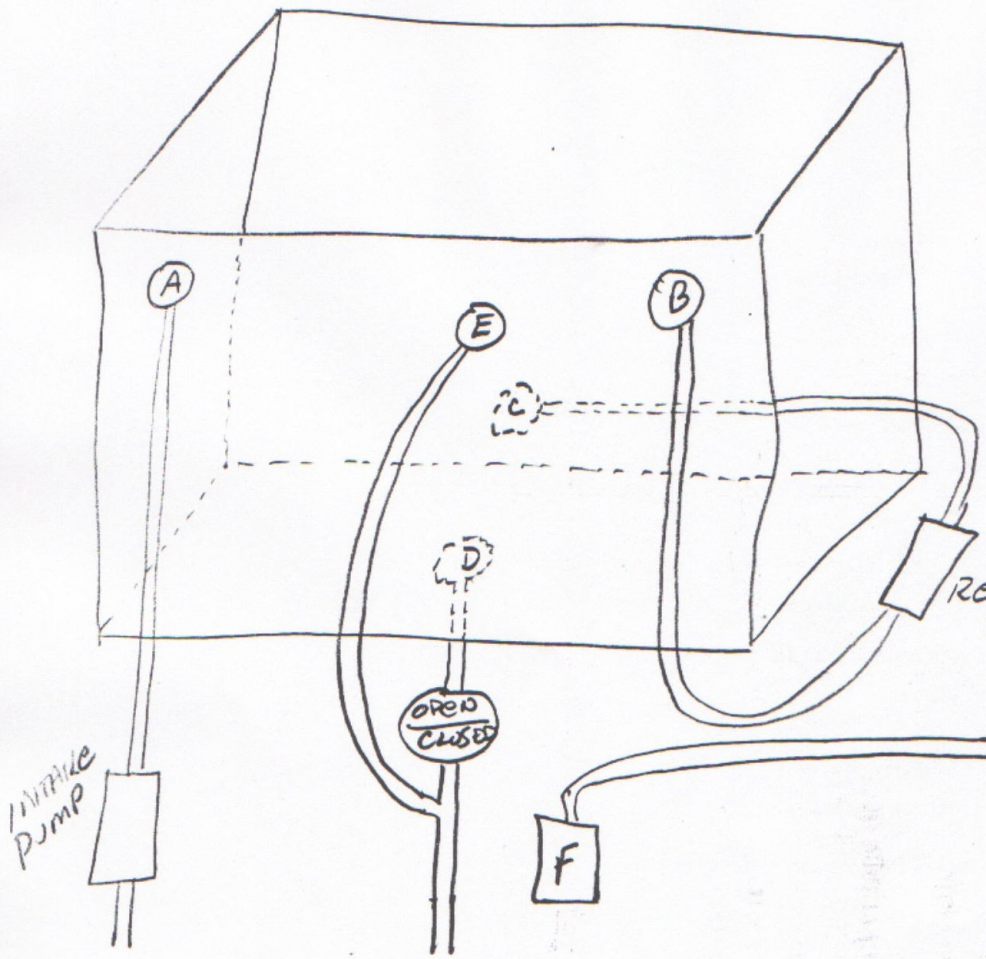
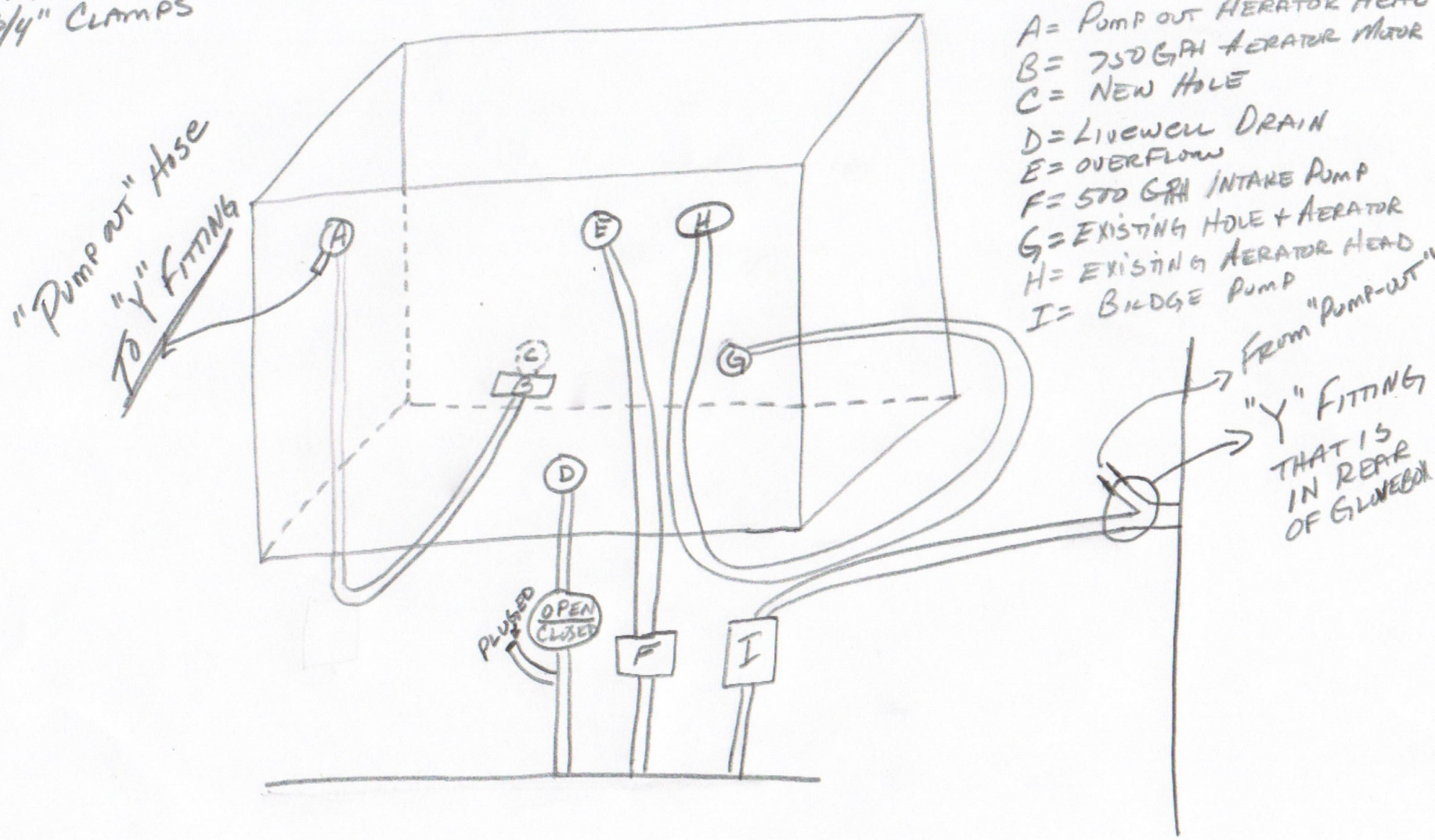
# Current System




A = INTAKE POWER STREAM A
B = RECIRCUL. " " "
C = " OUTTAKE
D = LIVEWELL DRAIN
E = OVERFLOW
F = BILGE PUMP

1 Pump-out Aerator Head
10' of New Hose (3/4")
1 Strainer
1 750 GPH Aerator Pump
1 Tube 4200 Sealant
1 3/4" "Y" Fitting
6 3/4" Clamps

# New System



**PROBLEM STATEMENT:** On hot summer days like we get here in Alabama, I was having a problem keeping fish alive during a tournament. What I finally started doing (and it worked) was to fill the livewell only once with lake water, and then use only the recirculating pump (along with Rejuvenaide and 10-12 of the 3 liter plastic coke bottles filled with water and frozen) to keep fish alive. While this "system" worked, I was toting around a lot of extra weight in frozen water (not to mention the time I spent checking the livewells). Also, in essence, the "fresh water intake aerator" was essentially useless.

**SOLUTION:** After reading the B&WB article on installing a "pump-out" aerator, I decided to add additional aerator capability to the livewell and get pump-out at the same time.

**PROCEDURE:**

1. Cut the overflow hose about 3 inches above the open/closed valve, plug it, and then the remove the remaining hose from the overflow drain hole.
2. Remove the aerator head on the left side of the livewell (fresh water in-take aerator), remove the hose from the aerator head and attach the hose to the overflow drain hole.
3. Install new pump-out aerator head in old hole on left side of livewell (A).
4. Cut new hole in front lower left side of livewell (C), and install new 750 GPH aerator pump (B).
5. Install new ¾ inch hose from 750GPH pump to appropriate connector on new pump-out aerator head.
6. Cut bilge pump output hose approximately 3 inches from where it exits the side hull (inside and at rear of right side glove box).
7. Install "Y" fitting on bilge hose you just cut.
8. Run new hose from "Y" fitting to appropriate connector on new pump-out aerator head.

**SYNOPSIS:** CONS – fresh water intake is no longer "aerated" and slight backwash into bilge area when using pump-out. PROS - I have more than doubled the aeration of the livewell water and have livewell pump-out capability (without cutting new holes in the side of the boat).

If you have questions feel free to call me at 256-313-6808