

A FILTER BAG IS REQUIRED TO USE GREY WATER THROUGH A DRIP SYSTEM

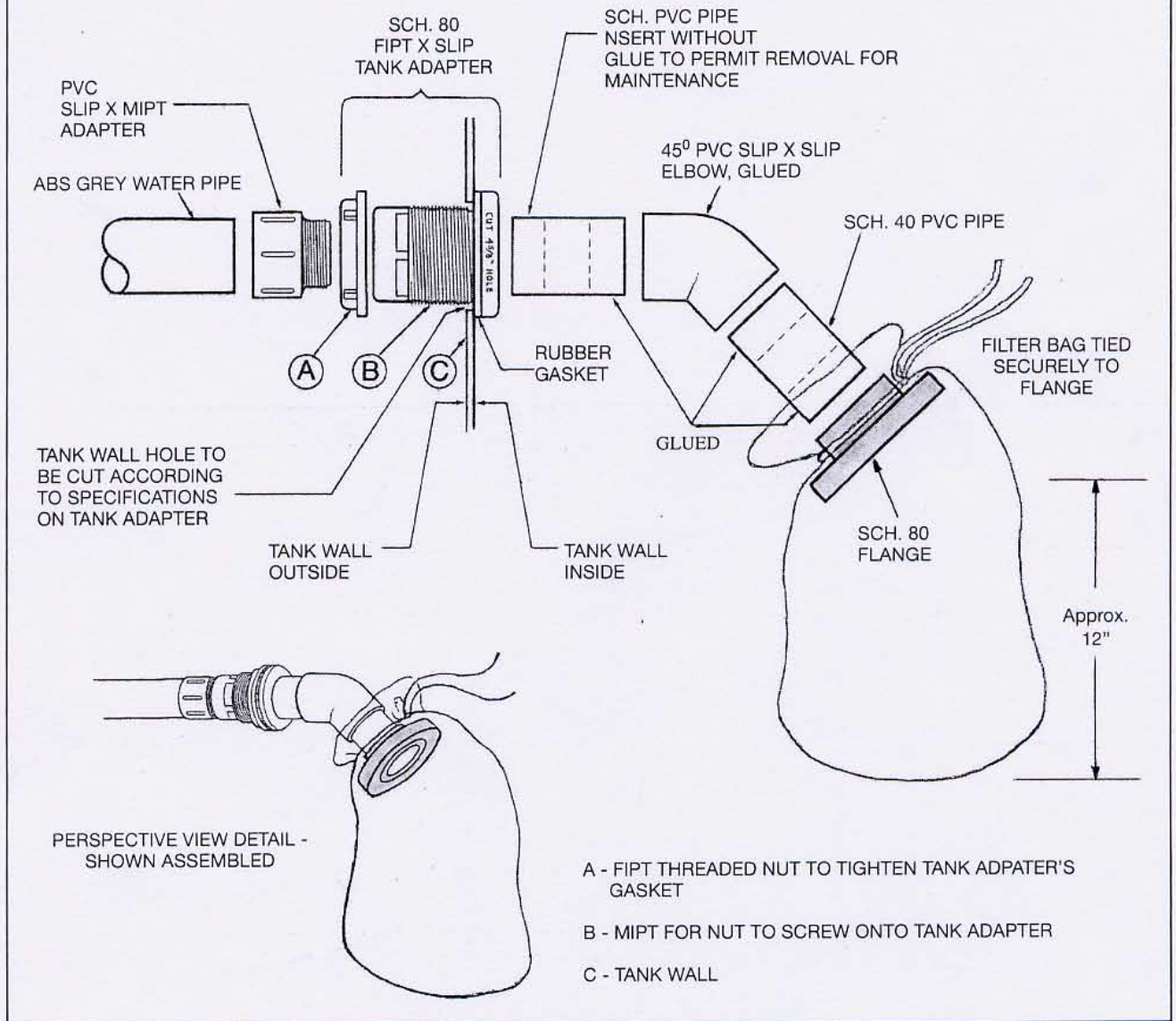


Figure 71 A way to add a filter bag to screen out particles down to 100 or higher mesh bag. If you change or clean the filter bag often, you can avoid a Y-filter. [This is only true if you're not using the laundry GW.] Get the bags at a local beer-making supply house. Or, look for finer mesh bags at aquarium suppliers. Try to get bags with a mesh size rated more than 100 mesh [150 microns]. See the "Mesh to Micron" chart in the "Drip Irrigation with Cisterns & Tanks?" chapter. This drawing shows a 3-inch set of fittings to connect with the 3-inch GW inlet pipe. This takes nearly \$250 of parts. You can use the same configuration in smaller sizes: 2-, 1-, and even 3/4-inch pipes [with appropriate adapters] to save money. But depending on your pipe configuration, smaller-sized pipes can cause the GW to backup and cause messy indoor spills. Be sure to place the inlet port with its flange so nothing, including the filter bag, blocks the switch for the sump pump. Use a surge tank with straight sides to make sure the tank adapter's gasket seals properly. [See Figure 68.] Some sump pumps have a float switch that slides vertically instead of a tethered float switch. Use a vertical float switch for a measure of protection from a wayward filter bag. Leave the pipe on the inside tank nipple unglued so the unit can be removed for important periodic maintenance [i.e., cleaning the tank, or the sump pump].