

RainFlo Above Ground System Components	
Component Number	Description
1	Rain Filter: 4" Leaf Eater Advanced with 4" PVC pipe to tank inlet
2	(2) 4" Multi-Tite Gaskets Cut 5" hole for installation
3	Graf Calming Inlet; prevents disturbance of sediment and on bottom of tank, secure to pipe with stainless steel screws
4	Bulkhead fittings, one drain at bottom and one vent at top (included with tank)
5	RainFlo MHP75A .75HP Automatic Pump, available with optional pump cover
6	1" Suction Hose
7	Graf Stainless Steel Floating Extractor
8	115vac Power Supply
9	Tank Access Lid with Vent
10	Compacted soil, gravel or concrete
11	Pump Connection Kit (See Detail on back)
12	Schedule 40 PVC Pipe and Adapters (Not Supplied)
13	Optional Mozzie Stoppa Overflow
14	Pump Discharge to Irrigation or Other Use
15	Graf Overflow Siphon
16	Tank Overflow, 4" PVC Sewer and Drain (Not Supplied)
17	4" Fernco Coupler
18	4" First Flush Device, PVC piping not included

Note #1: Install tank on level, firm, compacted soil, gravel or concrete. Leave room for access around perimeter of tank. Position bulkhead fittings away from house or building.

Note #2: Pump discharge plumbing should be run with schedule 40 or better with thread by slip adapters at pump outlet, pump control and bulkhead fittings. A union is advisable for easy removal. Seal threads with thread sealant or tape.

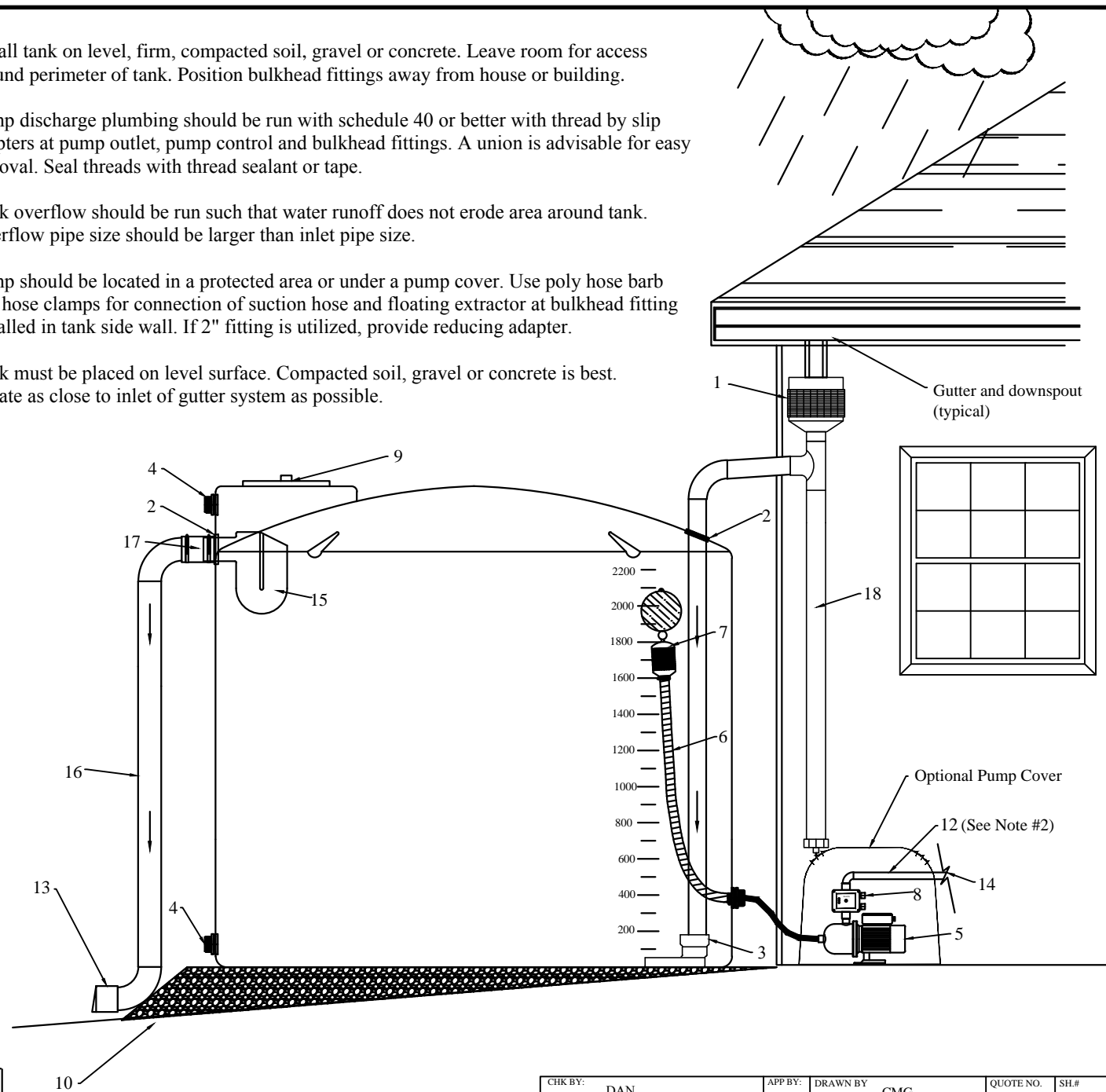
Note #3: Tank overflow should be run such that water runoff does not erode area around tank. Overflow pipe size should be larger than inlet pipe size.

Note #4: Pump should be located in a protected area or under a pump cover. Use poly hose barb and hose clamps for connection of suction hose and floating extractor at bulkhead fitting installed in tank side wall. If 2" fitting is utilized, provide reducing adapter.

Note #5: Tank must be placed on level surface. Compacted soil, gravel or concrete is best. Locate as close to inlet of gutter system as possible.

Note #6: Fasten the calming inlet (number 3) to PVC pipe using 2 stainless steel screws to prevent it from disconnection from pipe.

Note #7: Above ground polyethylene tanks can be modified by adding bulkhead fittings and multi-tite gaskets where necessary. Use the correct size hole saw for fitting being installed.



#### End User's Responsibility

Rainwater collected by RainHarvest Systems is non-potable water. **Warning:** do not drink water collected from RainHarvest Systems rainwater systems and related equipment. We will gladly offer solutions through the utilization of our various products either by way of printed material or through direct contact with RainHarvest Systems team members. However, since we have no control over the use of our products once they are shipped, **NO WARRANTY WHETHER OF MERCHANTABILITY, FITNESS FOR PURPOSE, OR OTHERWISE** is made beyond the repair, replacement, or refund of purchase price at the sole discretion of RainHarvest Systems. Users shall determine the suitability of the product for the intended application before using, and the users assume all risk and liability whatsoever in connection therewith, regardless of any team member's suggestions or statements as to the application or construction. Please abide by any and all applicable local building codes pertaining to system installation and use.

NOTE: This drawing is for illustrative purposes only. Actual systems and designs may vary. Always check with local building codes as they will apply. Electrical work to be performed by licensed professional. Points of use shall be labeled as: "Non Potable Water, Do Not Drink!"

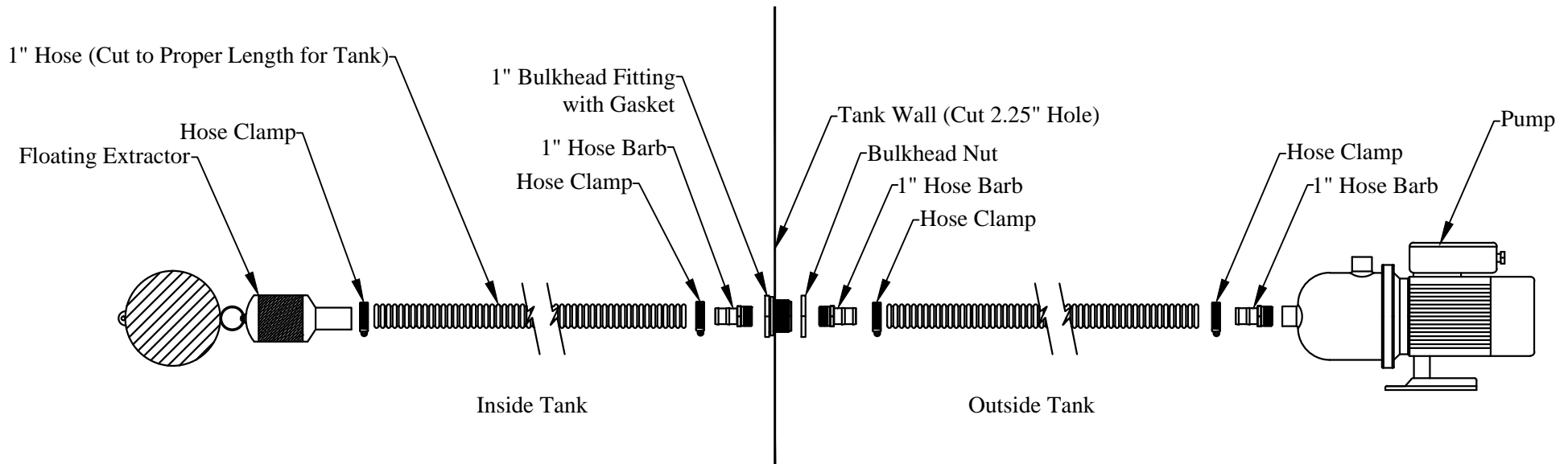
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## RainFlo Above Ground Rainwater Collection System (AGS)



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# #11 Pump Connection Kit Detailed View



## Installing Pump Connection Kit in Tank Instructions

Locate 1" bulkhead fitting location near bottom of tank. Cut hole with 2.25" hole saw. Assemble all parts that will be inside the tank, hose barb, hose and floating extractor to bulkhead fitting. Tighten all hose clamps securely. Using a stiff wire, flexible rod or other means, insert through hole cut in tank from outside up towards tank access. Affix bulkhead fitting to guide wire with tape. Guide bulkhead fitting to hole and pull through. Install reverse thread bulkhead nut and tighten. Connect hose barb and hose to pump, as shown in diagram above.

Note: Use thread tape on hose barb.  
Use soap to ease hose onto barb.

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## RainFlo Pump Connection Kit



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