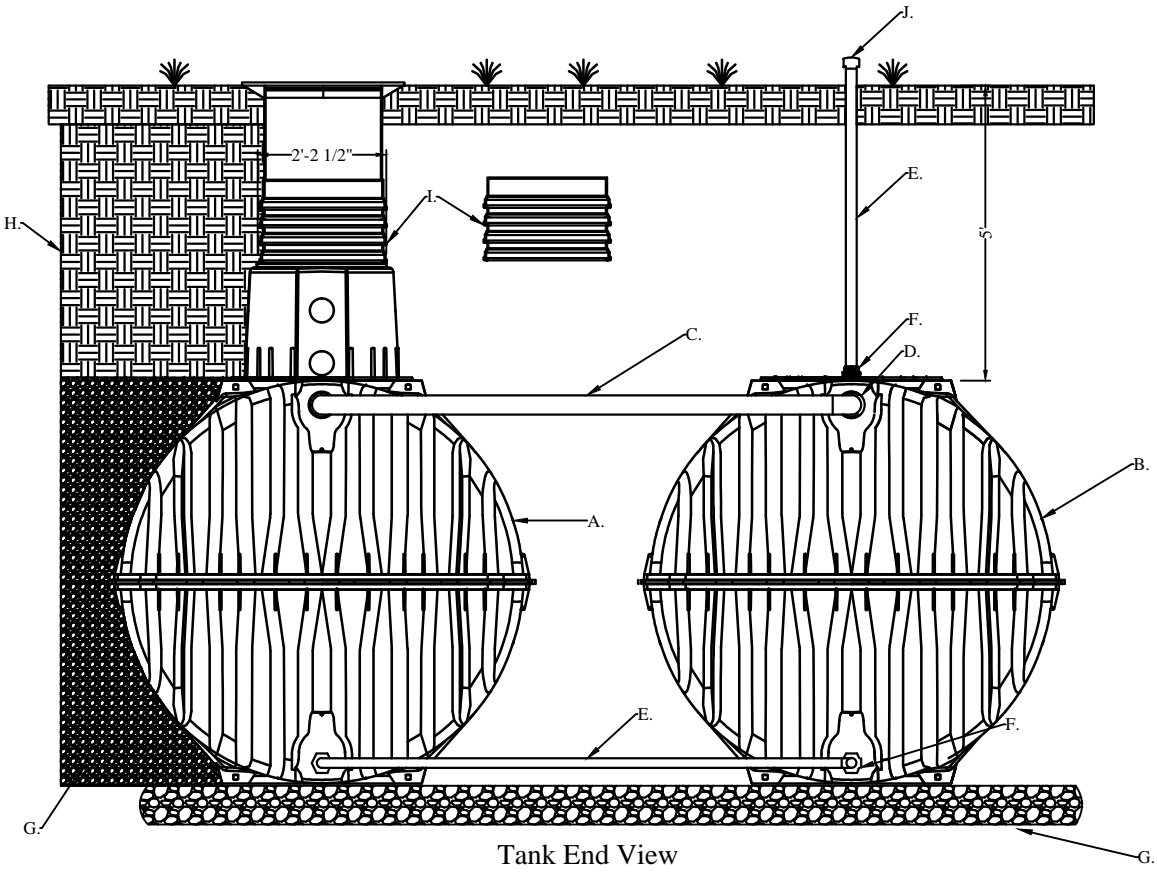
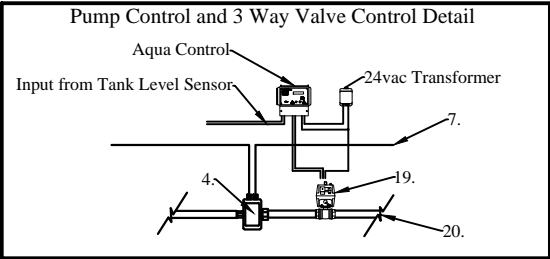
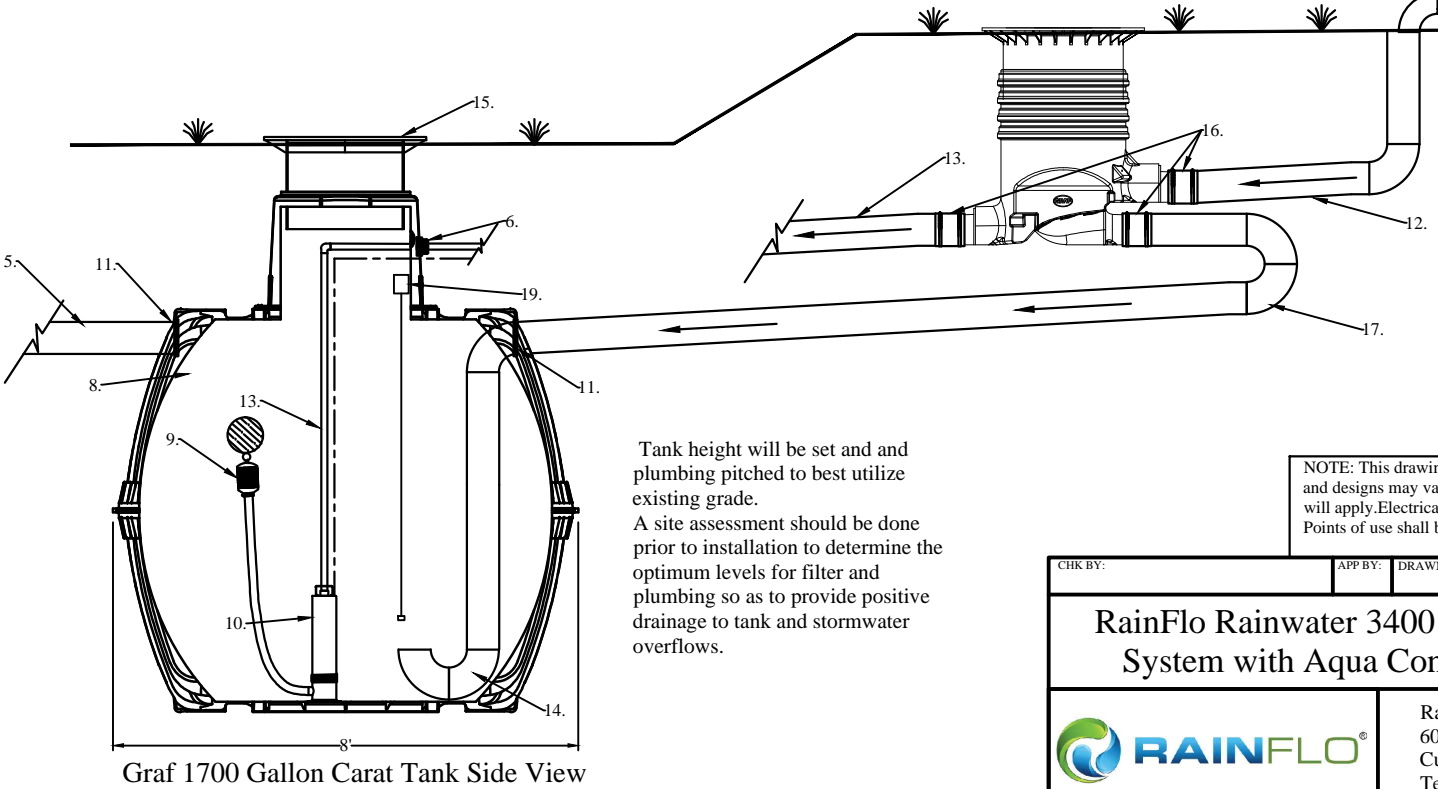
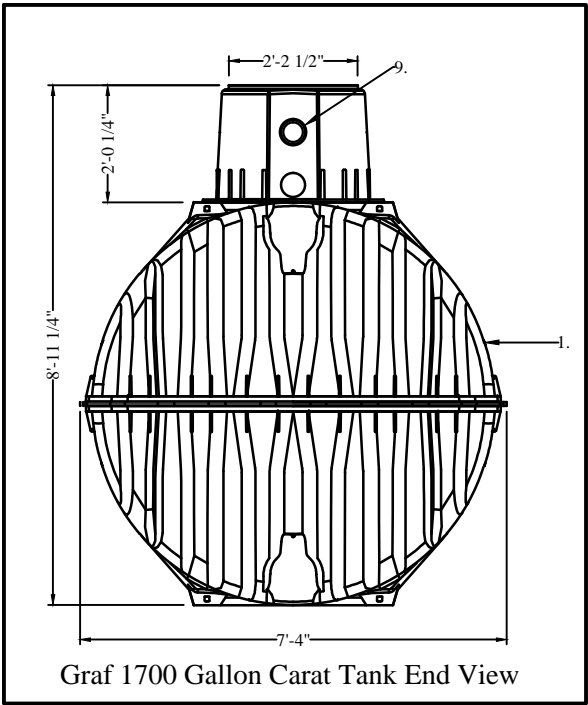


Legend A	
1.	GRAF Carat S 1700 Gallon Underground Tank
2.	GRAF Optimax High efficiency, self-cleaning, below ground filtration system.
3.	Tank Dome with Sealing Gasket.
4.	RainFlo115V Automatic Pump Controller fully automates pump operation and provides run dry protection.
5.	6" Overflow drain to storm drain or other. Typically PVC S&D or Schedule 40 Pipe.
6.	1- 1/4" Bulkhead Fitting for plumbing thru tank or riser assembly
7.	115v Power supply
8.	Overflow siphon with mosquito and rodent stop
9.	GRAF 1-1/4" Floating Pump Extractor with 1200 Micron Coarse Screen
10.	RainFlo 1.25 HP Submersible Rainwater Pump High performance submersible rainwater pump with stainless steel base and 1-1/4" threaded inlet for use with a floating filter.
11.	6" Multi Tite Gasket
12.	6" PVC from Roof Gutters and Downspouts
13.	6" PVC Optimax Filter Overflow and Debris Flush
14.	Calming inlet to prevent the disturbance of the fine sediment layer at bottom of tank
15.	Adjustable Riser and Childproof Lid
16.	4"Fernco Couplers for Pipe Connection to Optimax
17.	Clean water Outlet On Graf Optimax to Rain Collection Tank
18.	Control Box and Water Level Sensor for Aqua Control (Rainwater System Controller)
19.	Brass 3Way Valve with 24v Motorized Actuator and 1-1/4" Connections
20.	Municipal Water Supply Connection to 3 Way Valve



**GRAF Carat S 1700 Gallon Tank Specifications:**

- \* Variable burial depth: 30" to 42" (59" Max. with optional dome extension and "Maxi" telescopic riser)
- \* Unique in the world! – unique manufacturing process produces the highest stability due to latest techniques
- \* Unique fit accuracy of the components thanks to new production process
- \* Consistent quality due to TÜV safety testing and production monitoring
- \* Vehicle-bearing (with telescopic cast iron manway kit)
- \* Groundwater stable up to the middle of the tank due to extremely rigid construction
- \* Secure investment with market leading 15-year warranty
- \* Made from high quality Duralene; easy to recycle
- \* Can be expanded as required



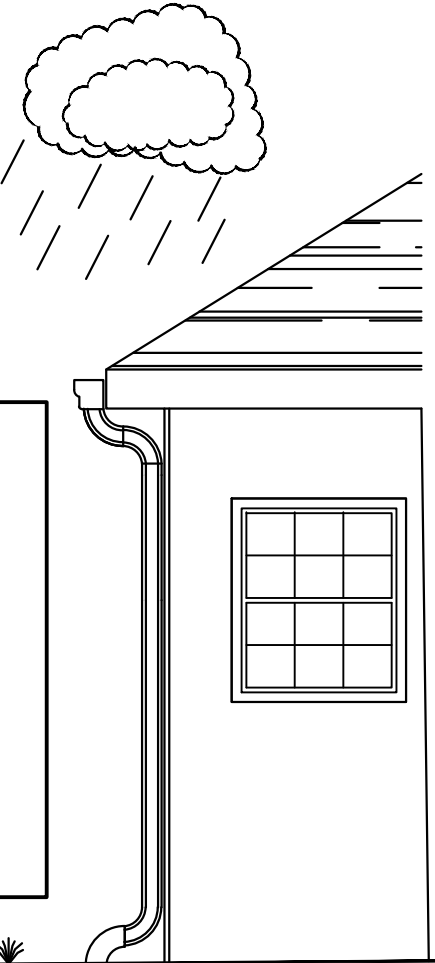
Tank height will be set and and plumbing pitched to best utilize existing grade.  
A site assessment should be done prior to installation to determine the optimum levels for filter and plumbing so as to provide positive drainage to tank and stormwater overflows.

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!"

Legend B	
A.	GRAF Carat S 1700 Gallon Underground Tank (1)
B.	GRAF Carat S 1700 Gallon Underground Extension Tank (2)
C.	Optional 4" Schedule 40 PVC Pipe for Venting
D.	4" Pipe Gasket
E.	2" Schedule 40 PVC Pipe Linking Tanks
F.	2" Banjo Bulkhead Fitting
G.	Gravel Base (#57) and Backfill (#89 or Pea)
H.	Native Soil Backfill (Above Tank)
I.	Riser Extension for Tank Access if Needed (12")
J.	2" Screened Tank Vent (Typical for Ext Tanks) if Top Connection is not Used. (C.)

GRAF Optimax Industrial  
High efficiency, self-cleaning, below ground filtration system.

- \* Variable installation depth from 31-59 inches
- \* Flush installation at ground level
- \* Only 7.87" height offset between inlet and outlet
- \* 0.35mm (.01") mesh filter
- \* Lockable childproof cover
- \* Optional Opticlean® Sprayhead
- \* Available with vehicle-loading cast iron lid
- \* Over 95% yield
- \* Self-cleaning filter
- \* 6" and 8" connections
- \* Max. 8,000 sq. ft. with 6" connections
- \* Max. 16,000 sq. ft. with 8" connections



CHK BY:	APP BY:	DRAWN BY: CMG	QUOTE NO.	SH.# 1 OF 1
<b>RainFlo Rainwater 3400 Gallon Graf Collection System with Aqua Control and 3Way Valve</b>				
		RainHarvest Systems LLC. 6075 Parkway North Drive Suite D Cumming, GA 30040 Tel: 770-889-2533 Fax: 770-889-2577		