Tank height should be set 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 storm water overflows.

**Legend A**

1. GRAF Carat S 1700 Gallon Underground Tank
2. GRAF Carat S 1700 Gallon Underground Extension Tank
3. Optional Upper Tank Connection
4. 2" Screened Tank Vent (1)
5. 2" Lower Balancing Lines
6. 2" Bulkhead Fitting
7. Gravel Base (6") and Backfill (6" or Pea)
8. Native Soil Backfill (Above Tank)
9. 12" Riser Extension for Tank Access (Optional)

**Legend B**

1. GRAF Carat S 1700 Gallon Underground Tank
2. GRAF Optimax Pro Internal Filter with Opticlean Spray Head
3. Tank Dome with Sealing Gasket
4. RainFlo FI-2500 Flow Inducer Pump System
5. 2" Floating Pump Extractor with Suction Hose and Air Filled Ball
6. 2" Bulkhead Fitting for plumbing thru tank or riser assembly
7. Overflow siphon with mosquito and rodent stop
8. Typical PVC S&D or Schedule 40 Pipe
9. Control Box and Water Level Sensor for Aqua Control (Rainwater System Controller)
10. Calming inlet to prevent the disturbance of the fine sediment layer at bottom of tank
11. GRAF 4" Pipe Gasket Supplied with Dome Seal Kit
12. 4" PVC from Roof Gutters and Downspouts
13. 1" Reduced Pressure Principle Assembly (RPZ)
14. Brass 3Way Valve with 24v Motorized Actuator and 1-1/2" Connections
15. Municipal Water Supply Connection
16. Output to Irrigation or Other Use
17. Variable Speed Pump Control Panel
18. Pressure Tank
19. Pressure Transducer
20. Electrical Conduit to Tank

**RainFlo 5100 PRO Rainwater Collection System**

RainHarvest Systems LLC
4475 Alicia Lane, Cumming, GA 30028
Phone: 770-889-2533
Email: Engineering@RainHarvest.com

- Variable burial depth: 30" to 42" (39" 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 filter 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 Duranite; easy to recycle
- Can be expanded as required

Notes:

- 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 professionals. Future of our shall be labeled as "Non Potable water, Do Not Drink!"