1. Rainwater collection point (roof drains, gutters, etc.)
2. Minimum 5 pipe diameters horizontal run
3. Intewa Purain Prefilter
4. Overflow/reject water. Slope 2%
5. Smoothing Inlet – "flow-calming" device or pipe fittings to eliminate turbulence of the incoming water as it enters the tank.
6. Pedrollo submersible pump with 3" submergence requirement
7. Flexible stainless hose
8. Pipe overflow to BMP or storm drain
9. Check valve
10. Transfer pump control panel
11. Self-cleaning sediment filter & UV treatment skid
12. Rotoplas daytank
13. Level sensor
14. QuantumFlo building pump
15. Check valve
16. Fiberglass full acceptance pressure tank
17. Overflow
18. City water backup
19. Backflow preventor
20. Bonomi tank fill valve

RAINWATER HARVESTING SYSTEM DETAIL
BELOW-GROUND TANK WITH SUBMERSIBLE PUMP, FILTRATION, DAY TANK, PRESSURE TANK, DIRECT STANDBY CONNECTION NOT TO SCALE