



# NOTES:

- ① RAINWATER COLLECTION POINT (ROOF DRAINS, GUTTERS, DOWN SPOUTS, ETC.)
- ② RAINWATER ENTERS THE VORTEX FILTER AND IS PROCESSED (POSSIBLE 90% DIVERTED TO CISTERN)
- ③ REMAINING WATER AND DEBRIS FROM VORTEX FILTER TO OVERFLOW
- ④ SMOOTHING INLET – STAINLESS STEEL "FLOW CALMING" DEVICE TO MINIMIZE TURBULENCE
- ⑤ BELOW GROUND WATER STORAGE CISTERN
- ⑥ SUBMERSIBLE MULTISTAGE PUMP
- ⑦ FILTRATION ASSEMBLY
  - A – PRESSURE TANK
  - B – PRESSURE TRANSDUCER
  - C – SELF-CLEANING IRRIGATION FILTER
  - D – 30 PSI PRESSURE REGULATOR VALVE
  - E – REDUCED PRESSURE BACKFLOW PREVENTER
  - F – INSULATED ENCLOSURE SKID SYSTEM
  - G – CONTROL SYSTEM



RAINWATER HARVESTING SYSTEM					
BELOW GROUND CISTERN w/ PUMP/FILTRATION SYSTEM					
PM	PC	DRN	ENG	DWG. NO.	REV.
.	.	.	.	RWHS-3	A
DATE					

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