



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 STORM SEWER OVERFLOW
- ④ SMOOTHING INLET – STAINLESS STEEL “FLOW CALMING” DEVICE TO MINIMIZE TURBULENCE
- ⑤ ABOVE GROUND WATER STORAGE CISTERN
- ⑥ PUMP & 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
 - H – SELF-PRIMING PUMP

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RAINWATER HARVESTING SYSTEM					
ABOVE GROUND CISTERN w/ PUMP/FILTRATION SYSTEM					
PM	PC	DRN	ENG	DWG. NO.	REV.
.	.	.	.	RWHS-2	A
DATE					

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