



NOTES:

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

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| PM | PC | DRN | ENG | DWG. NO. | REV. |
| . | . | . | . | RWHS-1 | A |
| DATE | | | | | |