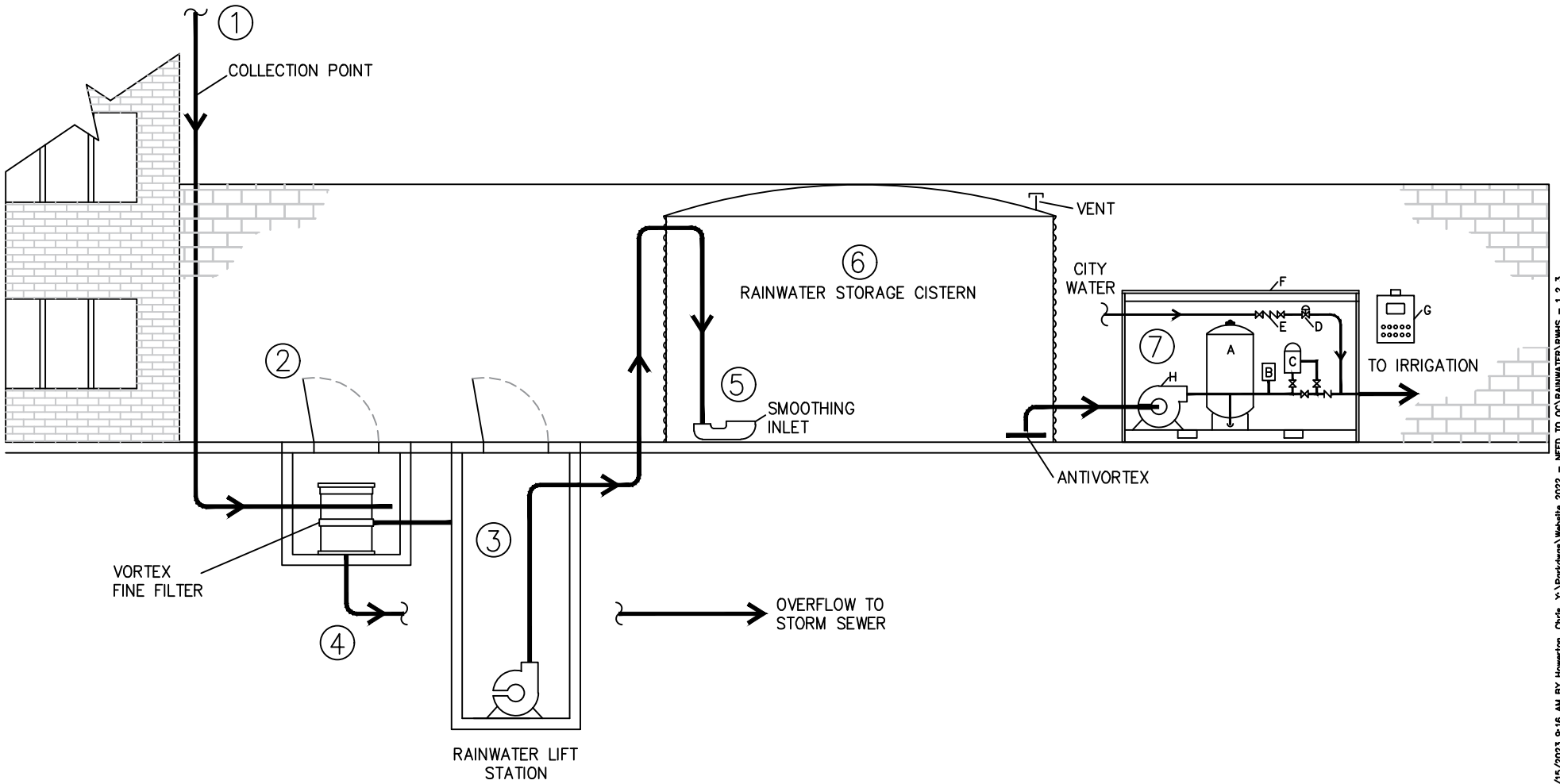


CREATED ON 3/1/2023 BY JENNINGS  
 LAST MODIFIED ON 3/7/2023 3:57 PM BY JENNINGS



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 CAPTURED RAINWATER PASSES TO RAINWATER LIFT STATION
- ④ REMAINING WATER AND DEBRIS FROM VORTEX FILTER TO STORM SEWER OVERFLOW
- ⑤ SMOOTHING INLET - STAINLESS STEEL "FLOW CALMING" DEVICE TO MINIMIZE TURBULENCE
- ⑥ ABOVE GROUND WATER STORAGE CISTERN
- ⑦ 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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ABOVE GROUND CISTERN w/ PUMP BELOW GROUND  
 VORTEX FILTER AND PUMP/FILTRATION SYSTEM

PM	PC	DRN	ENG	DWG. NO.	REV.
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DATE					

PLOTTED ON 12/15/2023 9:16 AM BY Howerton, Chris. Y:\Particarga\_Website 2022 - NEED TO GO\RAINWATER\RWHS - 1 2 3