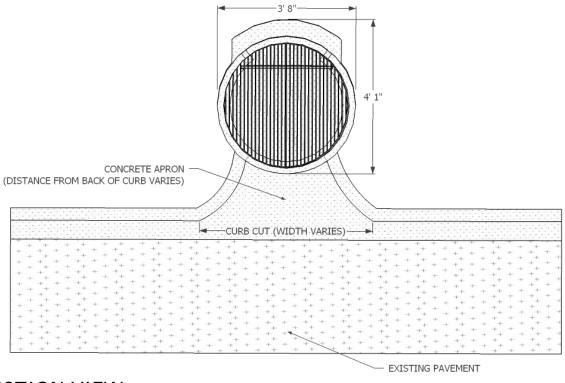






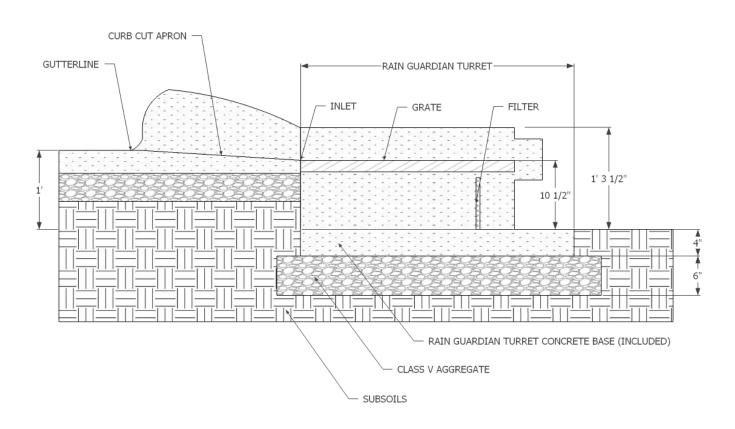
**PLAN VIEW** 

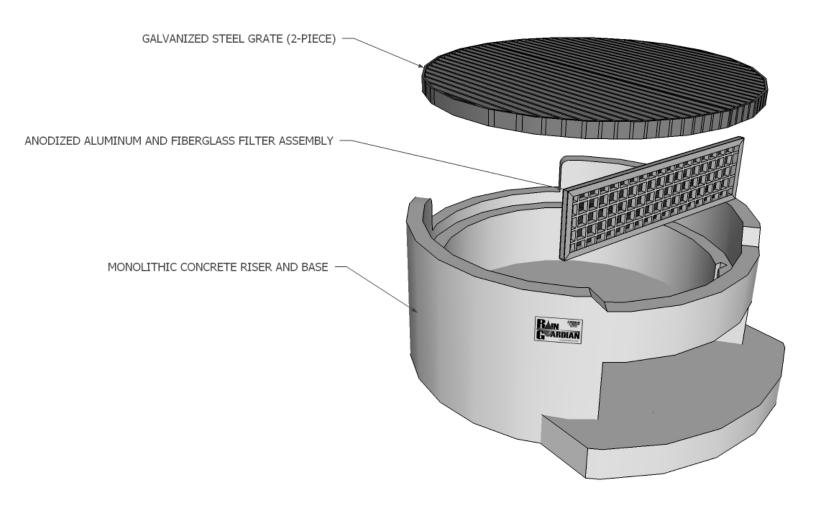
U.S. PATENT NO. 8,501,016



## **CROSS-SECTION VIEW**

U.S. PATENT NO. 8,501,016





## **SPECIFICATIONS**

U.S. PATENT NO. 8,501,016

- 1. STEEL REINFORCED, COLD JOINT SECURED MONOLITHIC CONCRETE STRUCTURE (1,030 LBS).
- 2. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS. CONCRETE AIR ENTRAINED (4% TO 8% BY VOLUME).
- 3. MANUFACTURED AND DESIGNED TO ASTM C858.
- 4. THREE-POINT PICK USING RECESSED LIFTING POCKETS WITH A STANDARD HOOK.
- 5. SOIL UNDER BASE TO BE COMPACTED TO 95% STANDARD PROCTOR.
- 6. TWO-PIECE LIGHT DUTY GALVANIZED GRATE (34.5 LBS/PIECE) FOR 541 LB CONCENTRATED LOAD OR 309 LB/SQ FT UNIFORM LOAD.
- 7. TWO-PIECE HEAVY DUTY GALVANIZED GRATE (77.5 LBS/PIECE) FOR 2,456 LB CONCENTRATED LOAD OR 1,404 LB/SQ FT UNIFORM LOAD.
- 8. USE EXPANSION JOINT MATERIAL BETWEEN TURRET AND BIORETENTION INLET

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