MANHOLE

FORCE MAIN

LIMITS OF STONE BEDDING, FILTER FABRIC AND EARTHE FILL

4" POLYETHYLENE 90° ELBOW

4" POLYETHYLENE CROSS

6" WASHED L-ROCK ABOVE TUBING

FINISHED GRADE

12" MIN. TO 18" MAX. PULVERIZED TOPSOIL/SAND MIXTURE OVER FILTER FABRIC AND STONE

PERENNIAL RYE GRASS

GEOTEXTILE FILTER FABRIC

PIPE THROUGH BARREL SECTION USING RESILIENT CONNECTOR SEAL WITH NON-SHRINK GROUT

TRANSITION FITTING

4" POLYETHYLENE 90° ELBOWS

6" WASHED L-ROCK UNDER TUBING

4" PERFORATED POLYETHYLENE TUBING OR PVC D2729

NOTES:
1. TO BE USED FOR FORCE MAINS WITH A DISCHARGE PIPE OF 4" OR SMALLER OR ATTACHED TO CLOSED BOTTOM AIR/VACUUM RELEASE MANHOLES.

2. ORIENT SO THAT FILTER IS LOCATED WITHIN SANITARY SEWER EASEMENT.

PLAN VIEW

SECTION

City of Carmel Utilities
Standard Details

Title: ODOR CONTROL EARTH FILTER DETAIL

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