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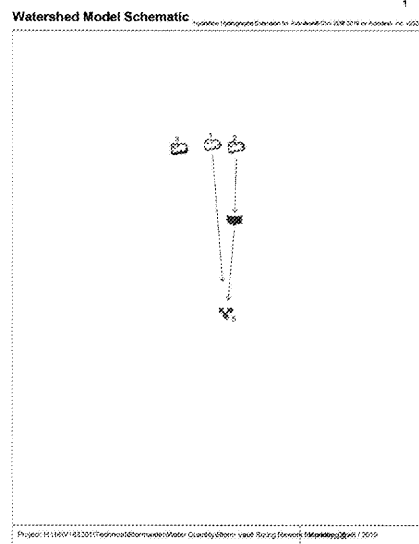
1756 East Sunshine, Suite 417
Springfield, Missouri 65804

PROJECT: NEW O'REILLY AUTO PARTS STORE
290 DEACON ROAD
FREDERICKSBURG, VA #4
SWM/BMP DETAILS

O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

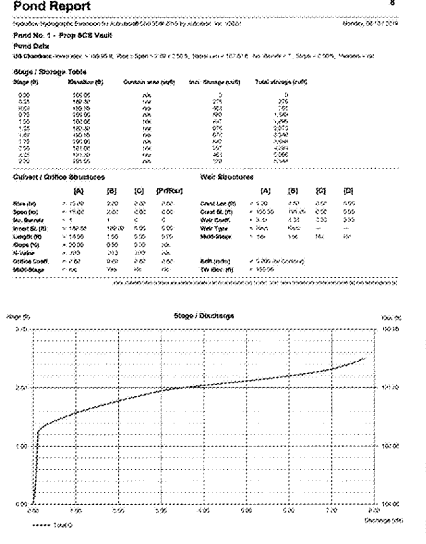
COMM # 4251
DATE: 11-2-18
REVISION
DATE: 03-25-19

06-24-19
C3.7

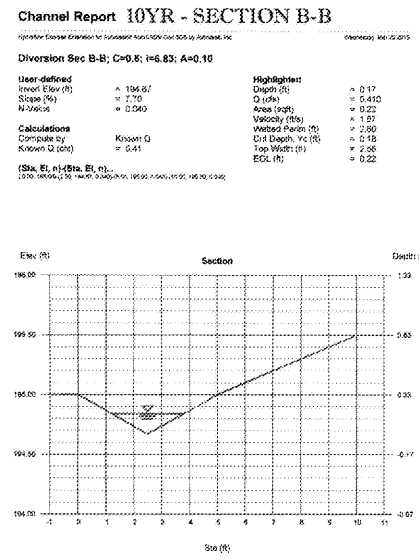
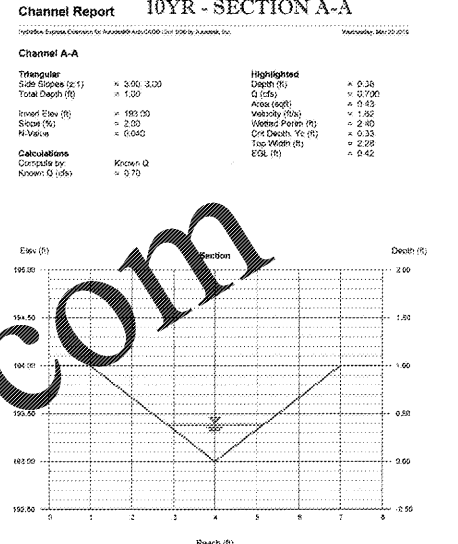


Hydrograph Return Period Recap table with columns for Return Period, Peak Discharge, and Peak Time.

TR55 Tc Worksheet table for Hyd. No. 3, showing travel times for various pipe segments and a total travel time of 9.19 min.



ENERGY BALANCE table showing flow rates, pipe sizes, and energy loss calculations for various pipe segments.



10 YEAR FORM COMPUTATIONS table with columns for From Point, To Point, Drain Area, Runoff Coeff., Invert Elev., Length, Slope, Capacity, Velocity, Inflow, and Vfull.

10 YEAR HGL COMPUTATIONS table with columns for Structure No., Inlet WSE, Flow Line Elev., Inlet Shape, Pre-Cast Structure, and Junction Loss Reduction.

ROOF DRAIN SCHEDULE table with columns for Pipe, Invert Elev., Length, Slope, Dis., and Material.

10 YEAR INLET COMPUTATIONS table with columns for Inlet No., Type, Length, Drain Area, Runoff Coeff., Intensity, Accum. Flow, Gutter Slope, Pvcmt, Y, W, Sw, On Grade Inlets Only, and Sag Inlets Only.

10 YEAR HEADWATER COMPUTATIONS table with columns for Structure No., Structure Type, Drainage Area, Runoff Coeff., Intensity, 10 Yr Flow, Head Water, Rim Invert Elevation, and 10 Yr WSE.

SANITARY SCHEDULE table with columns for Structure Number, Structure Type, Top of Casting Elev., Upper Invert, Lower Invert, Pipe Length, Pipe Size/Type, and Percent Slope.

