

Small Project Application Calculation Worksheet

The applicant may use the following to calculate the first one inch (1") of runoff which must be managed in accordance with Section 226-32.B of this Ordinance.

Project Name: _____

Owner Name: _____

Proposed Additional Impervious Area: _____ square feet

Impervious Area Calculation

Calculate the first one inch (1") of runoff to be permanently removed (managed on site through reuse, evaporation, transpiration or infiltration):

Additional impervious area ÷ 12 = Permanently Removed Runoff Volume (PRV)

_____ square feet of additional impervious ÷ 12 = _____ cubic feet (PRV)

_____ cubic feet ÷ 0.4 (Void Ratio) = _____ Volume of Pit

Bed Layout

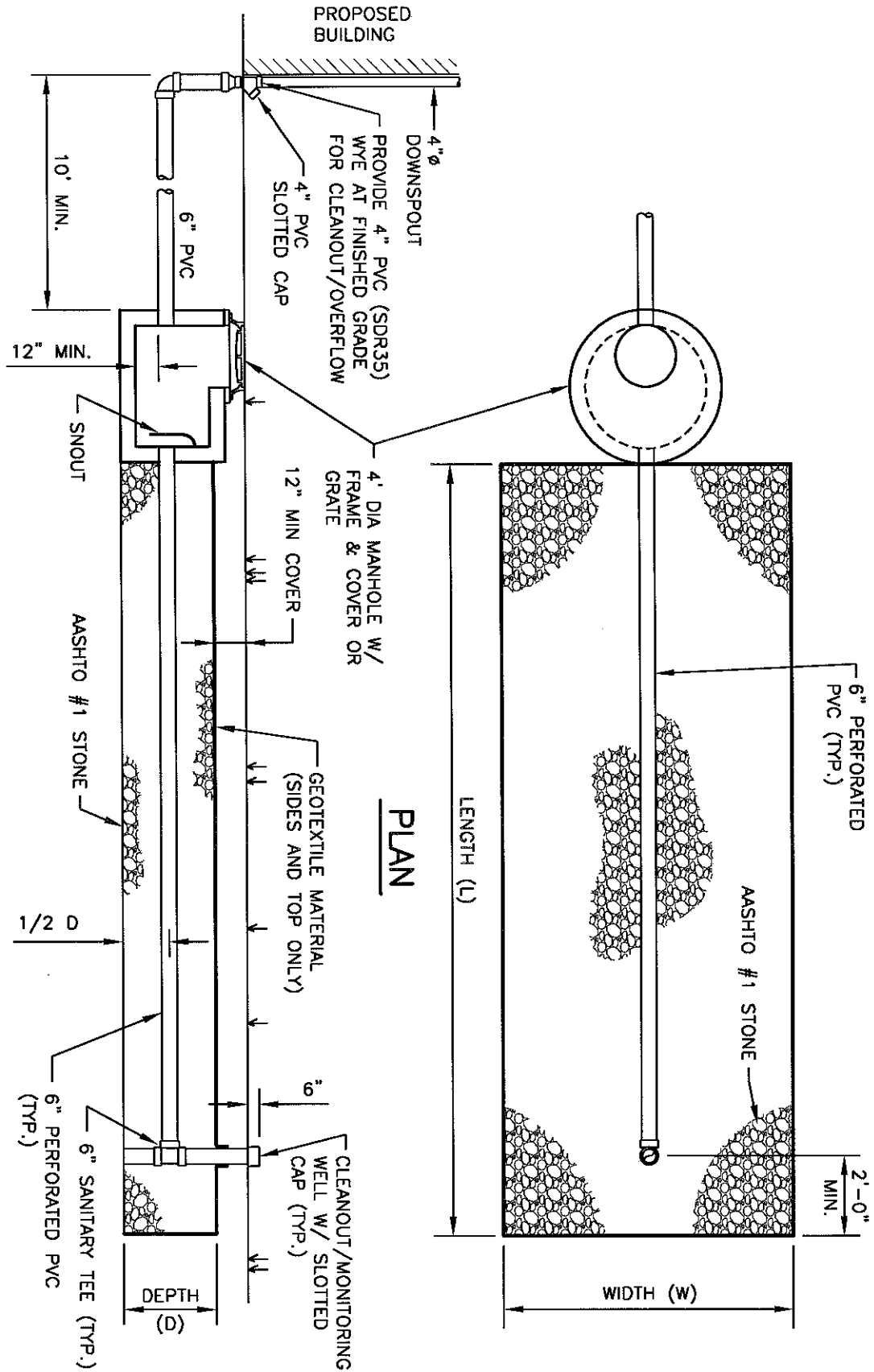
In general, seepage beds should not exceed four feet (4') in depth and should be designed in a square if possible.

Length (L) _____ feet

Width (W) _____ feet

Depth (D) _____ feet

_____ (L) x _____ (W) x _____ (D) = _____ Volume of Pit



BOROUGH OF MOUNT JOY

SEEPAGE BED WITH ROOF LEADER SYSTEM



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SCALE:
NO SCALE

DATE
JULY 2014

DWG. NO.