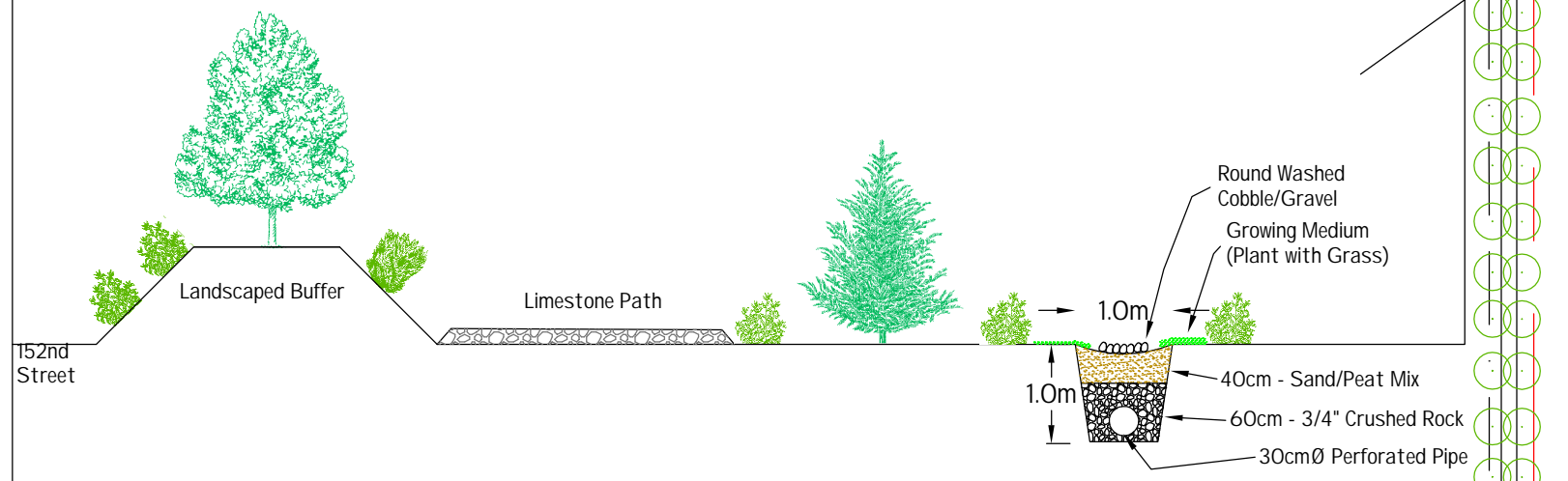


Note: Roof Leaders and Footing Drains Connect Directly to Storm Sewer, Road Surface and Driveways into Biofiltration Swale.

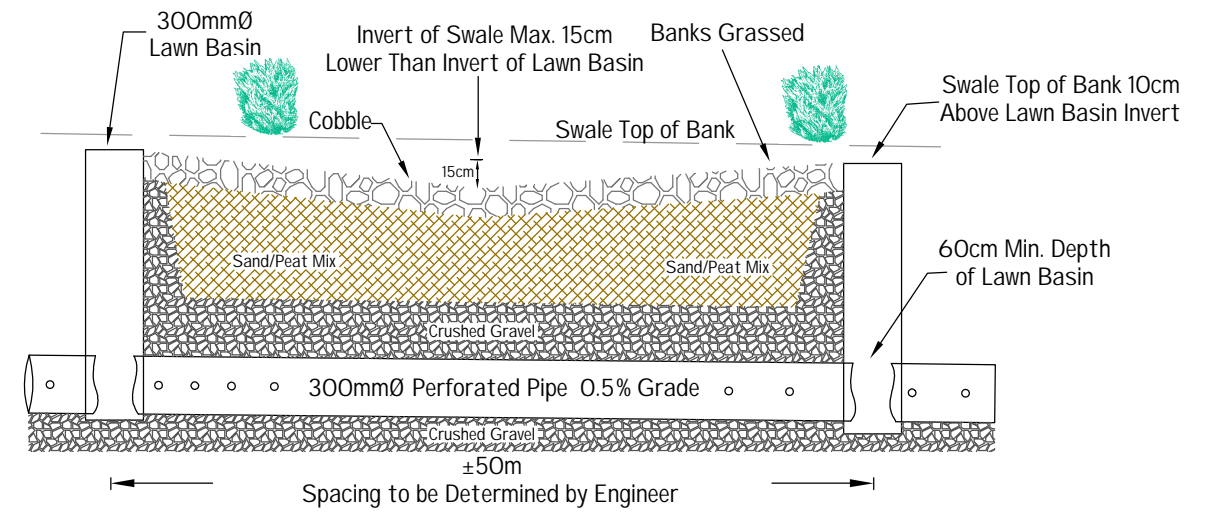
**Biofiltration Calculations**

Total Road Surface Pollution Generating Impervious Area (PGIA) = 7,460 sq.m  
 2.5% of PGIA for Biofiltration Area = 186.5 sq.m

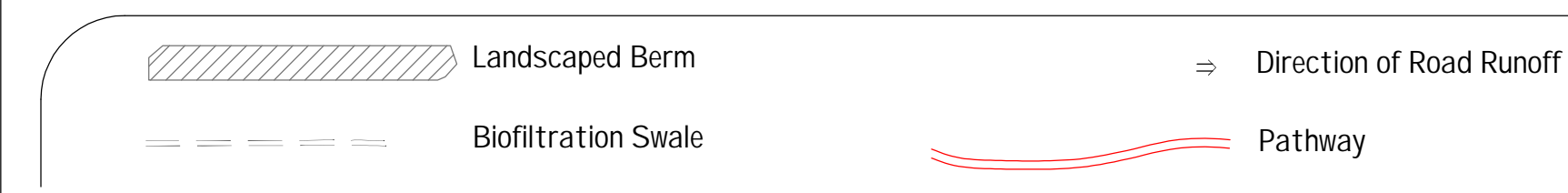
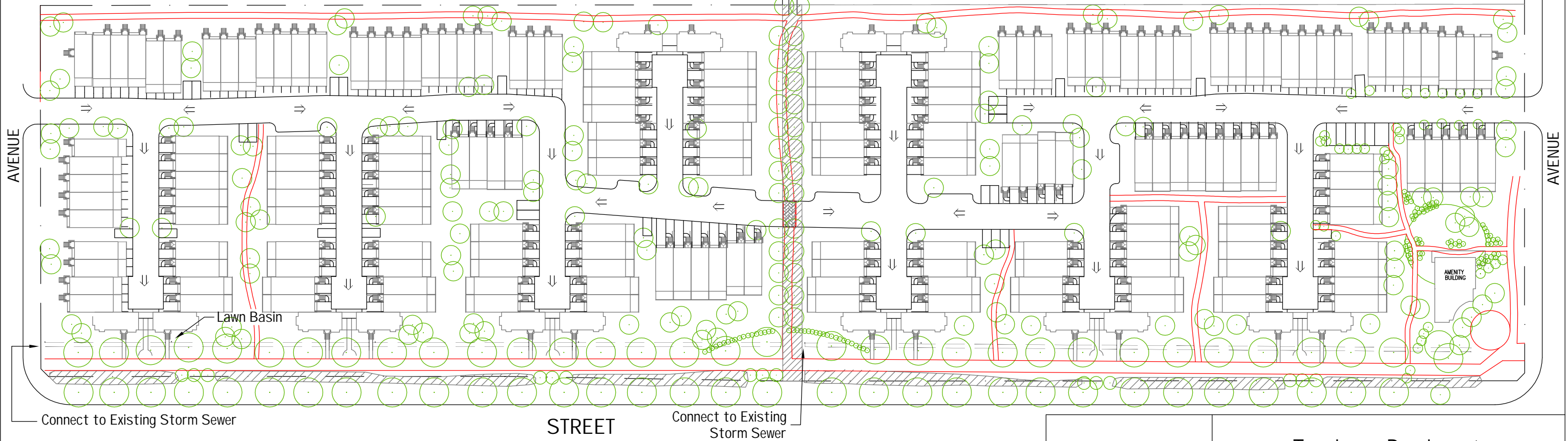
Total Area of Proposed Biofiltration Swale = 370 sq.m (5.0%)



Typical Cross-Section Through Buffer, Pathway & Bioswale  
 1:75



Typical Profile Through Bioswale  
 1:40



**Townhouse Development -  
 Proposed Biofiltration Swale/Lawn Basin**

DRAWN BY A.Sartori/  
 K.Lambertsen

DATE: November, 2001

SCALE 1:1000

DRAWING NO. PH-AD-001

REV