

STANDARD INFILTRATION METHOD (SIM) CRITERIA

OPTION TO MEET STORMWATER BY-LAW RECHARGE REQUIREMENTS FOR RESIDENTIAL AND COMMERCIAL DEVELOPMENTS W/ < 4,000 s.f. OF IMPERVIOUS AREA ON ENTIRE PARCEL

PROPERTY MUST BE LOCATED
WITHIN AREA OF SUITABLE SOIL

INSTALL DRYWELLS WITH TOTAL
STORAGE CAPACITY OF 300 cu. ft. AT
ONE OR MORE CORNERS OF MAIN
BUILDING

SINGLE DRYWELL
(75 cu. ft. STORAGE) =
4' X 4' X 3' DEEP,
SURROUNDED BY 2' OF
CRUSHED STONE
(ASSUME 25% VOIDS)

ADDITIONS \geq 50%
COLLECT RUNOFF FROM ENTIRE
BUILDING

ADDITIONS > 25% AND < 50%
ALLOWED TO COLLECT RUNOFF
FROM ONE SIDE OF BUILDING

CAPTURE ONLY ROOF RUNOFF
NO EXTENSIVE DRAINAGE CALCULATIONS

INCLUDE WITH BUILDING PERMIT
APPLICATION:

- TOTAL IMPERVIOUS AREA OF PROPERTY (EX. & PROP.)
- TOTAL STORAGE CAPACITY OF DRYWELLS
- LOCATION OF DRYWELLS

PRIOR TO OCCUPANCY PERMIT:

- PROVIDE AS-BUILT SHOWING LOCATIONS OF DRYWELLS
- STAMPED BY MA REGISTERED LAND SURVEYOR