NOTES:

1. PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED INFILTRATION AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.

2. DIMENSIONS:
   A. WIDTH OF PLANTER: 30" MINIMUM.
   B. PONDING DEPTH (FROM TOP OF GROWING MEDIUM TO OVERFLOW ELEVATION):
      SIMPLIFIED: 4" ENGINEERED: 12" MAXIMUM.
   C. SLOPE OF PLANTER: 0.5% OR LESS.

3. OVERFLOW:
   A. OVERFLOW REQUIRED (PIPE OR WEIR).
   B. INLET ELEVATION MUST ALLOW FOR 2" MIN. OF FREEBOARD, 4" MIN. FOR SIMPLIFIED.
   C. PROTECT PIPE FROM DEBRIS AND SEDIMENT WITH STRAINER OR GRATE, SEE D6-04 MATERIALS.

4. PIPING: SHALL BE CAST IRON, PVC SDR 35 MINIMUM, OR PVC SCHEDULE 40. 3" PIPE REQUIRED FOR UP TO 1,500 SQ FT OF CONTRIBUTING AREA, OTHERWISE 4" MIN. PIPING MUST HAVE 1% GRADE AND FOLLOW THE UNIFORM PLUMBING CODE IF WITHIN 3' OF A STRUCTURE.

5. DRAIN ROCK:
   A. SIZE PER NDP MATERIALS, CHAPTER D6-04.
   B. DEPTH OF SIMPLIFIED: 12''.
   C. DEPTH OF ENGINEERED: 0''-48''.
   D. DRAIN ROCK NOT REQUIRED FOR INFILTRATION PLANTERS WITHOUT UNDERDRAINS.


7. GROWING MEDIUM:
   BIORETENTION SOIL MIX PER NDP MATERIALS, CHAPTER D6-04.

8. VEGETATION:
   A. PLANT WITH ZONE 1 OR 2 TREES, SHRUBS, AND/OR GROUND COVER. SEE APPENDIX 3 IN THE LID TECHNICAL GUIDANCE MANUAL FOR PUGET SOUND (2005 OR CURRENT) OR "RAIN GARDEN HANDBOOK FOR HOMEOWNERS" FOR A PLANT LIST.
   B. PLANTING SHALL CONSIST OF NATIVE SPECIES ABLE TO TOLERATE VARIABLE SOIL MOISTURE CONDITIONS, PONDING WATER FLUCTUATIONS AND VARIABLE SOIL MOISTURE CONTENT.

9. PLANTER WALLS:
   MATERIAL SHALL BE STONE, BRICK, CONCRETE, WOOD, OR OTHER DURABLE (NO CHEMICALLY TREATED WOOD).

10. INSTALL WASHED PEA GRAVEL OR 1''-4'' STREAMBED COBBLES PER STANDARD SPECIFICATIONS 9-03.11(2) TO TRANSITION FROM INLET OR SPLASH PAD TO GROWING MEDIUM.

11. SEE LAND USE CODE AND D4-07 IN THESE STANDARDS FOR SETBACKS.

12. INSTALL OBSERVATION PORT PER STANDARD DETAIL NDP-9, IF FLOW CONTROL (MR7) AND/OR RUNOFF TREATMENT (MR6) IS REQUIRED.

City of Bellevue
STORM AND SURFACE WATER UTILITY

BIORETENTION PLANTER – INFILTRATION

NO. NDP-4A

JANUARY 2013  NO SCALE