



**NOTES:**

1. DIMENSIONS:
  - A. WIDTH OF PLANTER 18" MINIMUM.
  - B. PONDING DEPTH (FROM TOP OF GROWING MEDIUM TO OVERFLOW ELEVATION): 12" MAXIMUM.
  - C. SLOPE OF PLANTER: 0.5% OR LESS.
2. OVERFLOW:
  - A. OVERFLOW REQUIRED PER STANDARD DETAIL NDP-8.
  - B. INLET ELEVATION MUST ALLOW FOR 2" MIN. OF FREEBOARD.
  - C. PROTECT FROM DEBRIS AND SEDIMENT WITH STRAINER OR GRATE.
3. 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.
4. DRAIN ROCK:
  - A. SIZE PER CHAPTER D6-05.
  - B. DEPTH 12"-48".
5. SEPARATION BETWEEN DRAIN ROCK AND GROWING MEDIUM: USE GRAVEL LENS ( $\frac{3}{4}$  -  $\frac{1}{4}$  INCH WASHED, CRUSHED ROCK 2 TO 3 INCHES DEEP).
6. GROWING MEDIUM: BIORETENTION SOIL MIX PER CHAPTER D6-05.
7. VEGETATION:
  - A. PLANT WITH ZONE 1 OR 2 HERBACEOUS, EMERGENTS, SHRUBS, AND/OR GROUND COVER. SEE APPENDIX 1 IN THE *LID TECHNICAL GUIDANCE MANUAL FOR PUGETSOUND* (2012 OR CURRENT) 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.
8. PLANTER WALLS:
  - A. MATERIAL SHALL BE STONE, BRICK, CONCRETE, WOOD, OR OTHER DURABLE (NO CHEMICALLY TREATED WOOD).
  - B. CONCRETE, BRICK, OR STONE WALLS SHALL BE INCLUDED ON FOUNDATION PLANS.
9. WATERPROOF LINER: SHALL BE 30 MIL PVC OR EQUIVALENT.
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.



City of  
Bellevue

STORM AND SURFACE  
WATER UTILITY

TITLE

BIORETENTION PLANTER -  
WITH UNDERDRAIN