



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 (3/4 - 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