



**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: 30" MINIMUM
  - B. DEPTH OF PLANTER (FROM TOP OF GROWING MEDIUM TO OVERFLOW ELEVATION): SIMPLIFIED 12" ENGINEERED 6"-18"
  - C. SLOPE OF PLANTER: 0.5% OR LESS
3. SETBACKS:
  - A. 10' FROM BUILDING FOUNDATIONS
  - B. SETBACKS FROM PROPERTY LINES VARY DEPENDING ON SITE CONDITIONS (SEE DESIGN STANDARDS)
4. OVERFLOW:
  - A. INLET ELEVATION MUST ALLOW FOR 2" OF FREEBOARD, MINIMUM
  - B. PROTECT FROM DEBRIS AND SEDIMENT WITH STRAINER OR GRATE
5. PIPING: SEE STANDARD PLAN 221
6. DRAIN ROCK:
  - A. 1/2"-3/4" WASHED AGGREGATE
  - B. DEPTH: SIMPLIFIED- 18" (IF ≤ 1.75 "/hr INFILTRATION RATE) 12" (IF > 1.75 "/hr INFILTRATION RATE) ENGINEERED - 0"-48"
7. SEPARATION BETWEEN DRAIN ROCK AND GROWING MEDIUM: SHALL BE A 3" LAYER OF 3/4"-1/4" OPEN GRADED AGGREGATE.
8. GROWING MEDIUM:
  - A. DEPTH: 18" MINIMUM
  - B. SEE DESIGN STANDARDS FOR REQUIREMENTS
9. VEGETATION: FOLLOW LANDSCAPE PLANS OR REFER TO PLANTING REQUIREMENTS IN DESIGN STANDARDS.
10. PLANTER FOUNDATION AND WALLS:
  - A. MATERIAL SHALL BE 4" REINFORCED CONCRETE, STONE, BRICK, OR OTHER DURABLE MATERIAL
11. WATERPROOF LINER:
  - A. WATERPROOF LINER SHALL BE 30 MIL PVC, HDPE OR EQUIVALENT
  - B. A WATERPROOF LINER IS NOT REQUIRED IF THE FOUNDATION OR WALL MATERIAL IS WATERPROOF REINFORCED CONCRETE OR APPROVED EQUAL
12. INSTALL RIVER ROCK SPLASH PAD TO TRANSITION FROM INLET TO GROWING MEDIUM.

**CITY OF SALEM  
DEPARTMENT OF PUBLIC WORKS**

**STANDARD PLAN  
INFILTRATION STORMWATER PLANTER**

APPROVED	<i>James J. Spurr</i>	11/01/14	DRAWN BY	KAK	12/2013	NO. 215
	CITY ENGINEER	DATE	CHECKED BY	KLR	12/2013	

**ENGINEER:**  
 WILLAMETTE ENGINEERING INC.  
 P.O. BOX 9032  
 SALEM, OREGON 97305  
 PH: 503-304-0905  
 JER.WILLENGR@UNO.COM

**INFILTRATION  
RAIN GARDEN  
DETAIL**

**CHEMANA 3 PARCEL  
PARTITION**  
 931 CHEMANA ROAD N  
 KEIZER, OR 97303

DESIGNED BY: GPH	
DRAWN BY: RJW	
DATE: 05-20-25	
JOB NO. 2025-42	
CLIENT NO.	
DRAWING NO. C4A	REV. 0