



**NOTES:**

1. PONDING DEPTH IS 6 INCHES TO 1' IF PRESCRIPTIVE SIZING WAS USED, PONDING DEPTH MUST BE 1'
2. FREEBOARD: 3 INCHES FOR CONTRIBUTING AREAS < 3000 SQ FT. IF CONTRIBUTING AREA > 3000 SQ FT FREEBOARD IS 6 INCHES.
3. MIN 2' WIDE FLAT BOTTOM.
4. CHOKER COURSE DEPTH OF 3 INCHES WITH CLEAN CRUSHED ROCK ( $\frac{3}{4}$ " TO  $\frac{1}{2}$ ") THAT COMPLIES WITH ODOT SPECIFICATION 00430.11.
5. OPTIONAL STORAGE LAYER DEPTH FROM 1' TO 2'. MUST BE CLEAN OPEN-GRADED ROCK ( $1 - \frac{1}{2}$ " TO  $\frac{3}{4}$ ") THAT COMPLIES WITH ODOT SPECIFICATION 00430.11. IF PRESCRIPTIVE SIZING WAS USED, DEPTH MUST BE 1'.
6. IF PRESCRIPTIVE SIZING WAS USED, SOIL MEDIA DEPTH MUST BE 1.5'.
7. MAX CROSS SLOPE 1%. ADDITIONAL CELLS MAY BE ADDED FOR SLOPING PROPERTY. (SEE DETAIL SD9-07)
8. OVERFLOW ELEVATION MUST BE LOWER THAN INLETS. DISTANCE FROM INLETS MUST BE MAXIMIZED.
9. INLET PROTECTION MUST BE CONCRETE PAD INSET 4" OR CLEAN CRUSHED ROCK ( $\frac{3}{4}$ " -  $\frac{1}{2}$ ") THAT COMPLIES WITH ODOT SPECIFICATION 00430.11 IS INSET 6 INCHES AND IS UNDERLAIN WITH A HIGH-DENSITY JUTE OR COCONUT COIR MATTING. MINIMUM LENGTH AND WIDTH OF 1.5'.
10. PLANTS: NO MORE THAN 10% OF AREA FROM PERENNIAL PLANT LIST.
11. NO CONSTRUCTION VEHICLES OR MATERIAL STORAGE WITHIN 10' OF FACILITY LOCATION DURING CONSTRUCTION.
12. CONSTRUCTION RUNOFF IS PROHIBITED FROM DISCHARGING TO FACILITY.
13. PERFORATED PIPES ARE NOT ALLOWED IN FACILITY.
14. OVERFLOW MUST BE A BEEHIVE GRATE (SEE DETAIL SD8-02).

ADAPTED FROM CLEAN WATER SERVICES



City of Lake Oswego  
Engineering Division

Erica Rooney, P.E. City Engineer

**INFILTRATION  
RAIN GARDEN**

**SD9-16**

EFFECTIVE DATE: SEPTEMBER 14, 2020 NOT TO SCALE

DRAWING NUMBER