



NOTES:

1. PONDING DEPTH IS 6 INCHES TO 1'. IF USING PRESCRIPTIVE SIZING, PONDING DEPTH MUST BE 1'.
2. FREEBOARD: 3 INCHES FOR CONTRIBUTING AREAS < 3000 SQ FT. IF CONTRIBUTING AREA > 3000 SQ FT FREEBOARD MUST BE 6 INCHES.
3. MIN 2' WIDE FLAT BOTTOM.
4. 3-INCH CHOKER COURSE OF ROCK (3/4" TO 1/2") MUST COMPLY WITH ODOT SPECIFICATION 00431.11.
5. STORAGE LAYER DEPTH FROM 1' TO 2'. MUST BE CLEAN OPEN-GRADED ROCK (1-1/2" TO 3/4") THAT COMPLIES WITH ODOT SPECIFICATION 00430.11. IF PRESCRIPTIVE SIZING WAS USED, THE STORAGE DEPTH MUST BE 1'.
6. IF PRESCRIPTIVE SIZING WAS USED, THE SOIL MEDIA DEPTH MUST BE 1.5'.
7. MAX SLOPE 1%. ADDITIONAL CELLS MAY BE ADDED FOR SLOPING PROPERTY. (SEE DETAIL SD9-07).
8. OVERFLOW ELEVATION MUST BE BELOW INLETS. SEPARATION FROM INLETS MUST BE MAXIMIZED.
9. INLET PROTECTION MUST BE CONCRETE PAD INSET 4" OR CLEAN CRUSHED ROCK (3/4" - 1/2") THAT COMPLIES WITH ODOT SPECIFICATION 00430.11 IS INSET 6 INCHES AND IS UNDELAIN WITH HIGH DENSITY JUTE OR COCONUT COIR MATTING. MIN LENGTH AND WIDTH OF 1.5'.
10. PERFORATED PIPES MUST COMPLY WITH DETAIL SD9-11. THEY MUST BE LOCATED ONLY FROM THE CENTER OF THE RAINGARDEN TO THE OUTLET. (OPPOSITE SIDE OF INLET)
11. LINER MUST BE INSTALLED ON BOTTOM AND ALL SIDES OF RAINGARDEN. ALL PIPE PENETRATIONS MUST BE WATERPROOF.
12. PLANTING PLAN: NO MORE THAN 10% OF AREA MAY BE FROM THE PERENNIAL PLANT LIST.
13. NO CONSTRUCTION VEHICLES OR MATERIAL STORAGE WITHIN 10' OF FACILITY LOCATION DURING CONSTRUCTION.
14. CONSTRUCTION RUNOFF IS PROHIBITED FROM DISCHARGING TO THE FACILITY.
15. OVERFLOW MUST BE A BEEHIVE GRATE (SEE SD8-01 FOR RESIDENTIAL SD8-02 FOR COMMERCIAL).

DRAWING ADAPTED FROM CLEAN WATER SERVICES



City of Lake Oswego
Engineering Division

Erica Rooney, P.E. City Engineer

**FLOW-THROUGH
RAIN GARDEN**

SD9-15

EFFECTIVE DATE: SEPTEMBER 14, 2020 NOT TO SCALE

DRAWING NUMBER