



NOTES:

1. OVERFLOW ELEVATIONS MUST BE LOWER THAN INLETS. SEPARATION FROM INLETS MUST BE MAXIMIZED. OVERFLOW MUST BE A BEEHIVE (SEE DETAIL SD8-02) OR GRATE (SEE DETAIL SD6-01A).
2. 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 UNDERLAIN WITH HIGH DENSITY JUTE OR COCONUT COIR MATTING, MINIMUM LENGTH AND WIDTH OF 1.5'.
3. CHOKER COURSE (3-INCH DEPTH) OF CLEAN CRUSHED ROCK (3/4" TO 1/2") THAT COMPLIES WITH ODOT SPECIFICATION 00430.11.
4. STORAGE LAYER (1' TO 2' DEPTH) MUST BE CLEAN OPEN-GRADED ROCK (1 1/2" TO 3/4") THAT COMPLIES WITH ODOT SPECIFICATION 00430.11.
5. PERFORATED PIPE MUST COMPLY WITH DETAIL SD9-11 AND EXTEND ONLY THE LAST 2/3 OF THE SWALE LENGTH.
6. CHECK DAMS MUST BE 1' IN LENGTH, BE INSET 6 INCHES, AND BE 6 INCHES ABOVE GROUND. ROCK (1-1/2" TO 3/4") MUST COMPLY WITH ODOT SPECIFICATION 00430.11.
7. COMPLY WITH ODOT SPECIFICATION 00430.11.
8. MAX LONGITUDINAL SLOPE IS 4%. STEEPER SLOPES MUST USE A MULTIPLE CELL DESIGN (SEE DETAIL SD9-07).
9. PLANTING PLAN: NO MORE THAN 10% OF AREA FROM PERENNIAL PLANT LIST
10. CONSTRUCTION RUNOFF IS PROHIBITED FROM DISCHARGING INTO THE SWALE.

ADAPTED FROM CLEAN WATER SERVICES



City of Lake Oswego
Engineering Division

Erica Rooney, P.E. City Engineer

FLOW-THROUGH SWALE

SD9-19

EFFECTIVE DATE: SEPTEMBER 14, 2020 NOT TO SCALE

DRAWING NUMBER