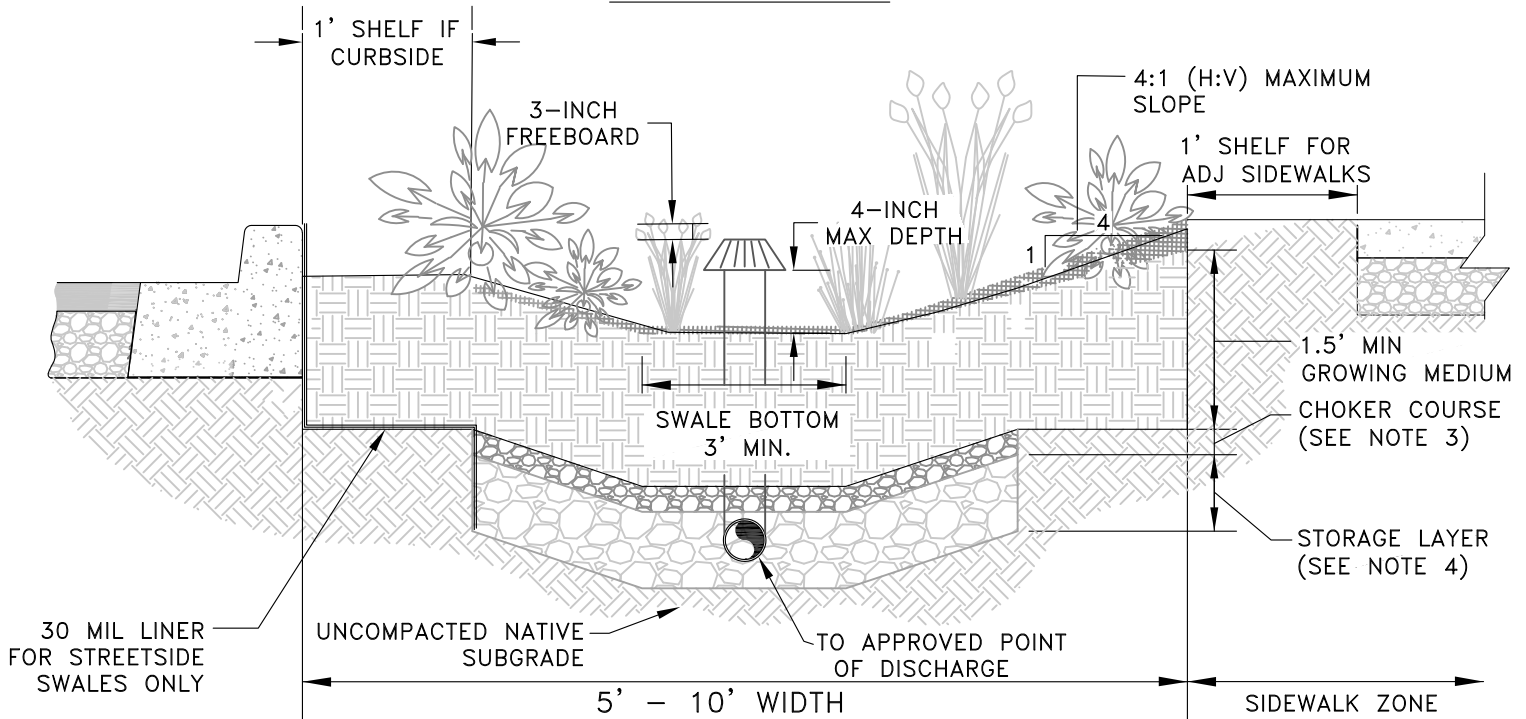


PROFILE VIEW



CROSS SECTION VIEW

NOTES:

1. OVERFLOW ELEVATION MUST BE LOWER THAN INLETS. SEPARATION FROM INLETS MUST BE MAXIMIZED. OVERFLOW MUST BE EITHER A BEEHIVE (DETAIL SD8-01 OR SD8-02) OR GRATE (DETAIL SD6-01A) .
2. INLET PROTECTION MUST BE CONCRETE PAD PAD INSET 4" CLEAN CRUSHED ROCK (1½"- ¾") THAT MEETS ODOT SPECIFICATION 00430.11 AND IS UNDERLAIN BY HIGH DENSITY JUTE OR COCONUT COIR MATTING. MIN WIDTH IS 1 ½ FT. LENGTH MUST EXTEND ACROSS SWALE BOTTOM TO PREVENT EROSION.
3. CHOKER COURSE (3-INCH DEPTH) MUST BE CRUSHED ROCK (¾" TO ½") MEETING ODOT SPECIFICATION 00430.11.
4. STORAGE LAYER (1 TO 2-FT DEPTH) MUST BE CLEAN OPEN-GRADED CLEAN ROCK (1½" TO ¾") THAT COMPLIES WITH ODOT SPECIFICATION 00430.11.
5. NO PERFORATED PIPES ARE ALLOWED.
6. MAX LONGITUDINAL SLOPE OF 4%. STEEPER SLOPES MUST USE MULTIPLE CELLS (SEE DETAIL SD9-07).
7. CHECK DAMS MUST BE 1' IN LENGTH, EXTEND THE WIDTH OF THE SWALE, AND BE 6 INCHES ABOVEGROUND AND INSET 6 INCHES BELOWGROUND. ROCK (1 ½" TO ¾") MUST COMPLY WITH ODOT SPECIFICATION 00430.11. TO AVOID PREFERENTIAL FLOW, CONCRETE WEIRS (SEE DETAIL SD9-01) ARE REQUIRED IF STORAGE LAYER IS PART OF DESIGN.
8. PLANTS: NO MORE THAN 10% OF AREA FROM PERENNIAL PLANT LIST
9. NO CONSTRUCTION VEHICLES OR MATERIAL STORAGE WITHIN 10' OF SWALE LOCATION. PROTECTIVE FENCING REQUIRED AROUND LOCATION DURING CONSTRUCTION.
10. CONSTRUCTION RUNOFF IS PROHIBITED FROM DISCHARGING INTO FACILITY.

ADAPTED FROM CLEAN WATER SERVICES



City of Lake Oswego
Engineering Division

Erica Rooney, P.E. City Engineer

INFILTRATION SWALE

SD9-20

EFFECTIVE DATE: SEPTEMBER 14, 2020 NOT TO SCALE

DRAWING NUMBER