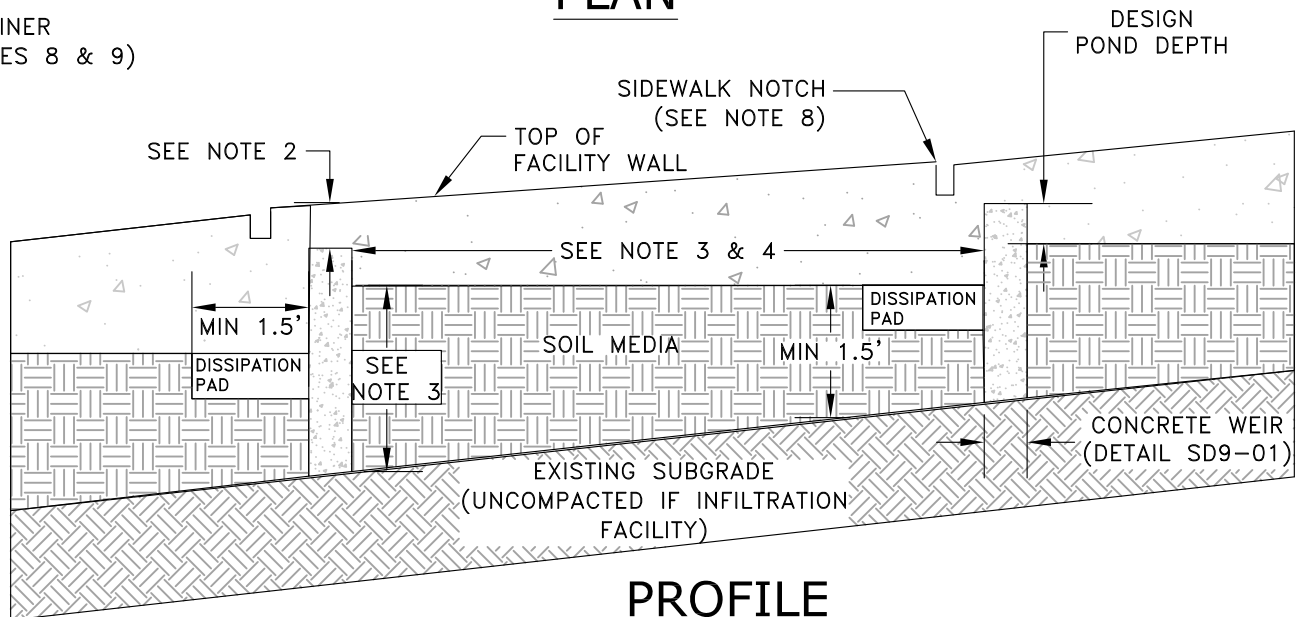


**PLAN**



**PROFILE**

**NOTES:**

1. MAXIMUM OVERALL SLOPE FOR MULTIPLE CELL FACILITIES IS 15%
2. DISTANCE FROM TOP OF WEIR TO TOP OF FACILITY WALL MUST BE 6 INCHES IF SLOPE IS LESS THAN 4%, 5 INCHES IF SLOPE IS BETWEEN 4% AND 8%, AND 3 INCHES IF SLOPE IS GREATER THAN 8%
3. SOIL MEDIA DEPTH AT DOWNSTREAM END OF CELL MUST MAINTAIN TOP OF SOIL MEDIA SLOPE OF 0%.
4. CELLS MUST BE EQUAL LENGTHS. IF SLOPE IS LESS THAN 4%, THE CELLS MUST BE 12.5 TO 25 FT IN LENGTH. IF SLOPES ARE 4% TO 8%, THE CELL LENGTH MUST BE BETWEEN 7.5' AND 15'. IF SLOPES ARE GREATER THAN 8%, THE CELLS MUST BE 5' TO 10' IN LENGTH.
5. CONCRETE WEIRS MUST COMPLY WITH DETAIL SD9-01.
6. CURB CUTS TO COMPLY WITH DETAIL SD9-02.
7. CONCRETE DISSIPATION PADS MUST BE INSET 4 INCHES. CLEAN CRUSHED ROCK (1/2" TO 3/4") CAN BE USED IF FACILITY IS NOT NEXT TO A STREET, MUST BE INSET 6 INCHES, MUST COMPLY WITH ODOT SPECIFICATIONS 00430.11, AND BE UNDERLAIN WITH HIGH DENSITY JUTE OR COCONUT COIR MATTING.
8. 4-INCH SIDEWALK NOTCH AND 30-MIL LINER ON SIDE OF FACILITY REQUIRED IF LOCATED NEXT TO A SIDEWALK.
9. 30-MIL LINER EXTENDING 1' BELOW ROAD BASE REQUIRED ON FACILITY SIDE IF NEXT TO A STREET.
10. SIDEWALK NOTCH AND INLET MUST BE LOCATED DOWNSTREAM OF WEIR, BE SLOPED TOWARDS THE FACILITY, AND ALLOW MAXIMUM SEPARATION FROM DOWNSTREAM EXTENTS OF THE CELL.
11. PERFORATED PIPES ARE PROHIBITED.

ADAPTED FROM CITY OF GRESHAM



City of Lake Oswego  
Engineering Division

Erica Rooney, P.E. City Engineer

**MULTIPLE CELL FACILITY**

**SD9-07**

EFFECTIVE DATE: SEPTEMBER 14, 2020 NOT TO SCALE

DRAWING NUMBER