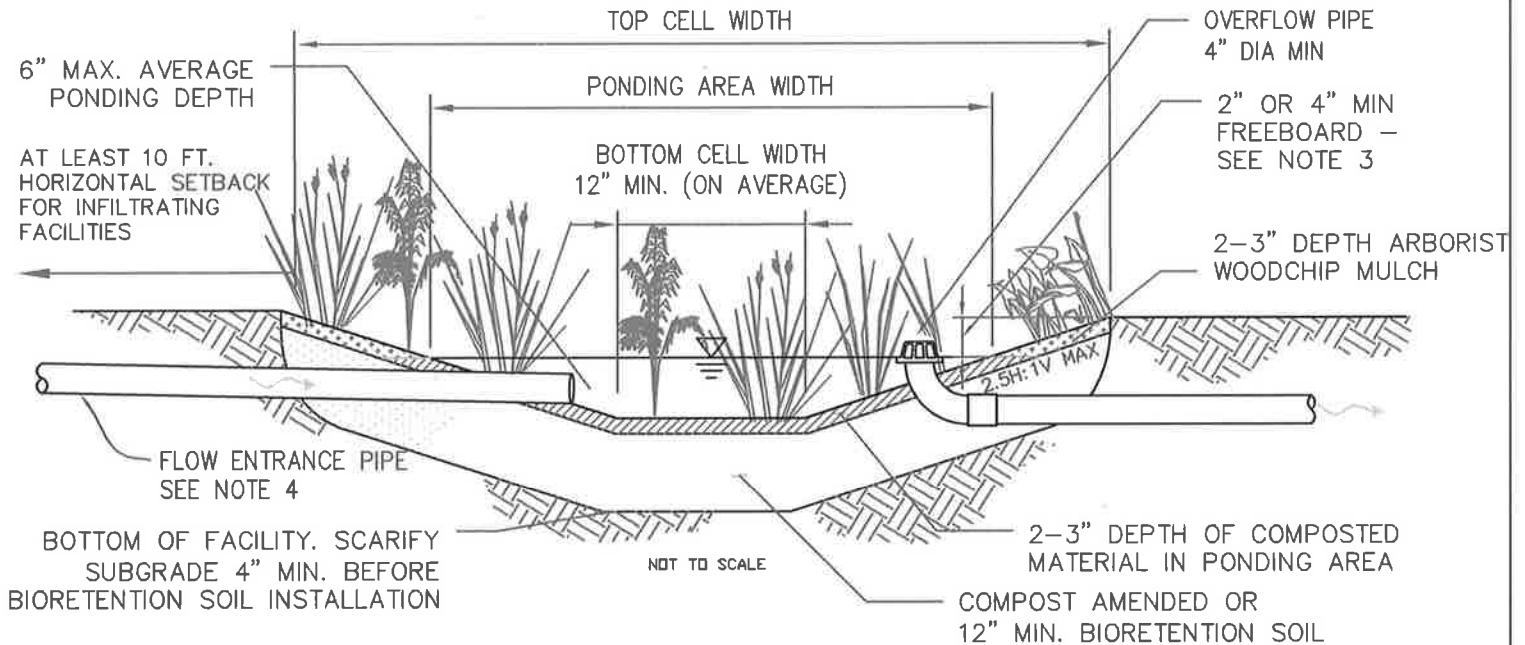


RAIN GARDEN

* INFILTRATION TEST REQUIRED *
MINIMUM MEASURED INFILTRATION RATE = 0.3"/HR



SIZING: THE PONDING AREA SHALL BE NO LESS THAN 9% OF THE CONTRIBUTING AREA.

MINIMUM DESIGN STANDARDS AND NOTES:

1. BOTTOM AND TOP CELL DIMENSIONS MUST BE SHOWN ON DRAINAGE CONTROL PLAN.
2. PONDING DEPTH AND FREEBOARD SHALL BE NOTED ON THE DRAINAGE CONTROL PLAN.
3. MINIMUM FREEBOARD SHALL BE 2 INCHES FOR CONTRIBUTING DRAINAGE AREAS LESS THAN 3,000 SF AND 4 INCHES FOR AREAS 3,000 SF TO 5,000 SF.
4. FLOWS MUST ENTER THE CELL ABOVE THE MULCH LAYER. PROVIDE ENERGY DISSIPATION SUCH AS A SPLASH BLOCK OR ROCK PAD.
5. HORIZONTAL SETBACK SHALL BE A MINIMUM OF 10 FT. FROM ANY STRUCTURE OR PROPERTY LINE.
6. SEE THE WESTERN WASHINGTON RAIN GARDEN HANDBOOK FOR MORE DETAILED INFORMATION. A COPY OF THE MANUAL CAN BE DOWNLOADED FROM THE CITY'S WEBSITE OR DIRECTLY FROM THE LINK BELOW:
<http://wa-portangeles.civicplus.com/DocumentCenter/Home/View/307>

Can the Rain Garden be placed in the ROW? - Yes, subject to the following conditions:

- The edge of rain garden must be at least 7 ft. away from the front of curb.
- The rain garden ponding edge must be at least 3 ft. away from any underground dry utility (power, gas, communication) that is buried shallower than 46" from the finished ground surface.
- A rain garden must have at least 2 ft. of clearance from the bottom of the excavation depth to any underground dry utility.
- The edge of rain garden shall be at least 10 ft. from any structure or neighboring property line
- Rain garden soil mix shall be 60% sand and 40% compost by volume OR on-site soils may be amended to 35% compost.
- The bottom cell width shall not be less than 12 inches.