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EXAMPLE OF CONSTRUCTED BIORETENTION SWALE

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BIORETENTION SWALE CROSS SECTION

CONSTRUCTION NOTES:

1. GRADED SWALE OR DRAINAGE PIPE TO BE INSTALLED TO CONVEY DRAINAGE FLOW FROM DOWNSPOUTS TO BIORETENTION SWALE.
2. DRAIN PIPE TO CONFORM TO OREGON PLUMBING CODE.
3. IF SUBGRADE IS NATIVE SOIL, THE SUBGRADE MUST BE TILLED OR SCARIFIED TO A DEPTH OF 2"-3" TO LOOSEN BEFORE AMENDED TOPSOIL IS ADDED.
4. AMENDED TOPSOIL TO BE THOROUGHLY BLENDED TOPSOIL WITH THE FOLLOWING CONSTITUENTS:
50-60% CLEAN SAND
20-30% WEED-FREE TOPSOIL
5-20% CERTIFIED COMPOST AND/OR PEAT
5. OPEN GRADED ROCK TO BE CLEAN 2"-3" CRUSHED OR RIVER RUN DRAIN ROCK.

GENERAL NOTE:

1. THE BIORETENTION SWALE DEPICTED HERE IS AN EXAMPLE OF ONE SUITABLE DESIGN, HOWEVER OTHER DRAINAGE LAYOUTS OR PROPRIETARY DEVICES MAY BE ALLOWED PROVIDED THEY MEET REQUIREMENTS AND ARE APPROVED PRIOR TO CONSTRUCTION.



CITY OF BEND
STORMWATER

CITY OF BEND DRAINAGE PLAN INFORMATIONAL SHEET

710 NW WALL ST., BEND, OREGON 97701

BIORETENTION SWALE

SCALE: NTS

DATE: 11/20/2025