



1. PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED INFILTRATION AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.
2. DIMENSIONS:
 - a. DEPTH OF RAIN GARDEN: 6" MIN. & 12" MAX.
 - a. FLAT BOTTOM WIDTH: 2' MIN.
 - b. SIDE SLOPES OF RAIN GARDEN: 3:1 MAX.
3. SETBACKS (FROM CENTERLINE OF FACILITY):
 - a. INFILTRATION RAIN GARDEN MUST BE 10' FROM FOUNDATIONS AND 5' FROM PROPERTY LINES. FILTRATION RAIN GARDEN DO NOT REQUIRE A SETBACK WITH AN APPROVED WATERPROOF LINER.
4. OVERFLOW:
 - a. OVERFLOWS ARE REQUIRED TO AN APPROVED POINT DISCHARGE POINT UNLESS SIZED TO FULLY INFILTRATE THE FLOOD CONTROL DESIGN STORM.
 - b. INLET ELEVATION MUST ALLOW FOR 2" OF FREEBOARD, MINIMUM.
5. PIPING: MINIMUM 4" PIPE REQUIRED FOR UP TO 1,500 SQ. FT. OF IMPERVIOUS AREA. PIPING MATERIAL, SLOPES AND INSTALLATION SHALL FOLLOW THE UNIFORM PLUMBING CODE WHEN ON PRIVATE PROPERTY OR BE ENGINEERED WHEN IN THE RIGHT-OF-WAY.
6. DRAIN ROCK:
 - a. SIZE: 3/4" - 2-1/2" WASHED
 - b. DEPTH: 12" MINIMUM
7. DRAIN ROCK LATER SHALL BE SEPARATED FORM THE GROWING MEDIUM AND THE SURROUND SOILS BY A GEOTEXTILE FILTER FABRIC.
8. GROWING MEDIUM:
 - a. 12" MINIMUM
 - b. IMPORT TOPSOIL OR AMENDED NATIVE SOIL
9. VEGETATION: FOLLOWING LANDSCAPE PLANS OTHERWISE REFER TO PLANT LIST IN CITY OF EUGENE'S STORMWATER MANAGEMENT MANUAL APPENDIX F. NUMBER OF PLANTINGS PER 100 SF OF FACILITY AREA:
 - a. 100 GROUND COVERS, OR
 - b. 80 GROUND COVERS, 2 SMALL SHRUBS, 4 LARGE SHRUBS, AND 1 TREE (DECIDUOUS OR EVERGREEN)
10. INSTALL WASHED PEA GRAVEL OR RIVER ROCK TO TRANSITION FROM INLETS AND SPLASH PAD TO GROWING MEDIUM.

**CITY OF COBURG
STANDARD DRAWING**

**FILTRATION
RAIN GARDEN**



DATE:
JANUARY 2017

DRAWING NO.
SS-004