



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. WIDTH OF SWALE: 5' - 12'.
  - b. DEPTH OF SWALE: 12"
  - c. LONGITUDINAL SLOPE OF SWALE: 0.5% MIN. AND 6% MAX.
  - d. FLAT BOTTOM WIDTH: 2' MIN.
  - e. SIDE SLOPES OF SWALE: 3:1 MAX. FOR VEGETATIVE AND 4:1 FOR GRASSY.
3. SETBACKS (FROM CENTERLINE OF FACILITY):
  - a. INFILTRATION SWALES MUST BE 10' FROM FOUNDATIONS AND 5' FROM PROPERTY LINES.
  - b. FILTRATION SWALES MUST HAVE A WATERPROOF LINER WHEN WITHIN 10' FROM FOUNDATION AND 5' FROM PROPERTY LINES.
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. GROWING MEDIUM:
  - a. 12" MINIMUM
  - b. IMPORT TOPSOIL OR AMENDED NATIVE SOIL
7. VEGETATION: FOLLOWING LANDSCAPE PLANS OTHERWISE REFER TO PLANT LIST IN CITY OF EUGENE'S STORMWATER MANAGEMENT MANUAL APPENDIX F. GRASSY SWALES MUST HAVE 100 COVERAGE. VEGETATIVE SWALES MUST HAVE FOLLOWING 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)
8. WATERPROOF LINER: SHALL BE 30 MIL PVC OR EQUIVALENT WHERE REQUIRED.
9. INSTALL WASHED PEA GRAVEL OR RIVER ROCK TO TRANSITION FROM INLETS AND SPLASH PAD TO GROWING MEDIUM.
10. CHECK DAMS: SHALL BE PLACED AT 12" INTERVALS ALONG THE LENGTH OF THE SWALE.



## CITY OF COBURG STANDARD DRAWING

### GRASSY SWALE

DATE:

JANUARY 2017

DRAWING NO.

SS-001