

Municipal Services & Operations

Environment, Health & Science Div.

(785) 832-7800 | MSO@lawrenceks.org

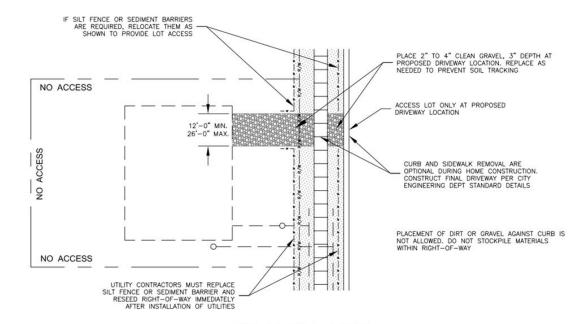
Planning & Development Services Building Safety Division (785) 832-7700

Erosion Prevention and Sediment Controls for Small Residential Construction Sites

Construction site owners are responsible for ensuring all construction activities comply with the requirements of City of Lawrence Code §9-903.

Site owners must use and maintain Best Management Practices (BMPs) to prevent the release of sediment or other pollutants from construction sites:

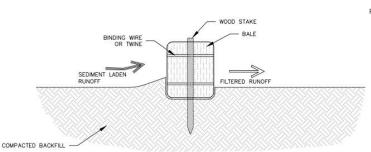
- Minimize disturbed areas. Preserve existing vegetation when possible.
- Stabilize bare soils (i.e. seeding, mulch, geotextiles, etc.)
- Stabilize construction entrances to prevent sediment track-out. <u>Sediment tracked out onto</u> <u>paved streets must be removed by the end of</u> <u>the same workday.</u>
- Install perimeter controls to prevent sediment runoff from site (e.g. silt fence, straw wattle, etc.).
- Install inlet protection for area or curb inlets.
- Secure chemical toilets on a pervious surface at least 10 feet from impervious surfaces.
- Regularly inspect vehicles and equipment for oil or fuel leaks. Clean up spills immediately using proper absorbent materials.
- ♦ Store materials to prevent the potential release of pollutants. Uncovered, outdoor storage of unsealed containers of hazardous substances is prohibited.



LOT ACCESS DETAIL APPLIES TO ALL RESIDENTIAL LOTS

SECURE FABRIC TO SUPPORTS WITH 1.25"x1.5"x3' HARDWOOD 4" MAXIMUM DISTANCE BETWEEN SUPPORT POSTS IN AREAS OF CONCENTRATED FLOW AND 7" MAXIMUM IN SHEET FLOW AREAS 50 FT. (MIN.) FILTER FABRIC CONFORMING TO AASHTO M288 96 SILT FENCE SPECIFICATION 2-3 IN. COARSE COMPACTED BACKFILL (MIN.) THICKNESS SEDIMENT LADEN RUNOFF FILTERED RUNOFF GEOTEXTILE FABRIC TO STABILIZE FOUNDATION 6" MIN. . NOTE: SILT FENCE MAY ALSO BE INSTALLED BY
USING TOMMY SILT FENCE MACHINE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE PAD

SILT FENCE SLOPE BARRIER DETAIL



INSTALLATION OF BALE DITCH CHECKS

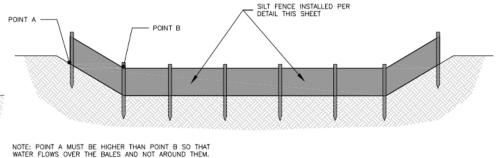
- Stockpiles of topsoil must be placed upstream of silt fencing.
- Uncontained waste that may blow, wash or otherwise be released from the site is prohibited. Site owner must provide and maintain on-site waste or recycling containers.
- Materials washout resulting from application of concrete, paint, etc. or cleaning of associated vehicles or equipment must be contained in designated areas for proper disposal.

Site owners must inspect BMPs:

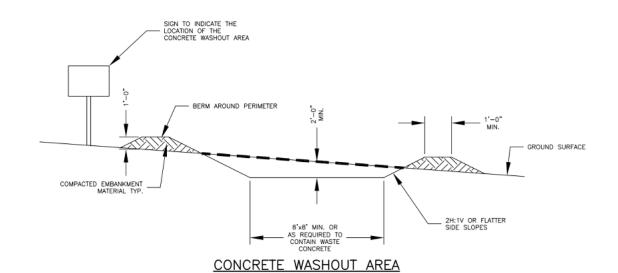
- at least once every 14 days and
- within **24 hours after a rainfall** event of 0.5" or more of rain

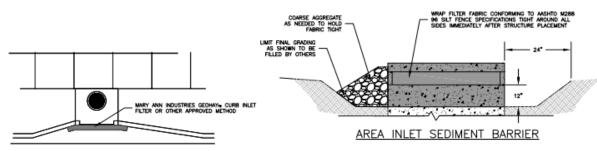


For more information, visit <u>Lawrenceks.org/mso/technical-</u> resources/



INSTALLATION OF SILT FENCE DITCH CHECKS





LONG-TERM CURB INLET SEDIMENT BARRIER

Rev. 072122