



Erosion and Sediment Control

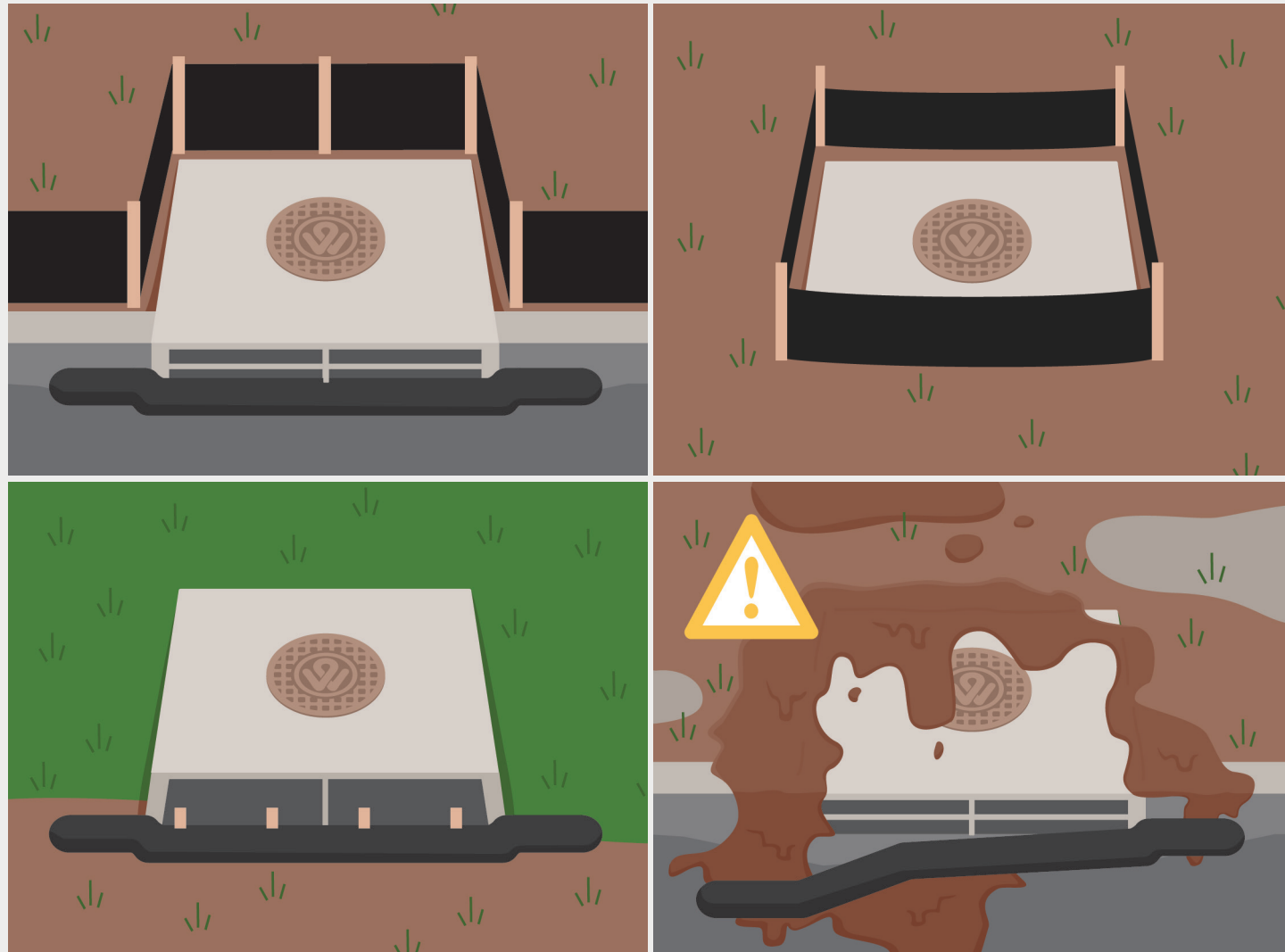
Quick Guide for Residential Building Lots and Disturbances



(BMP) BEST MANAGEMENT PRACTICE DO AND DON'T

INLET PROTECTION

Inlet protection or other applicable BMP is in place and functioning for both area inlets and curb inlets along street. Maintenance includes removal of sediment following each rain event and replacement of failing materials. Do not allow sediment to enter inlet during maintenance.

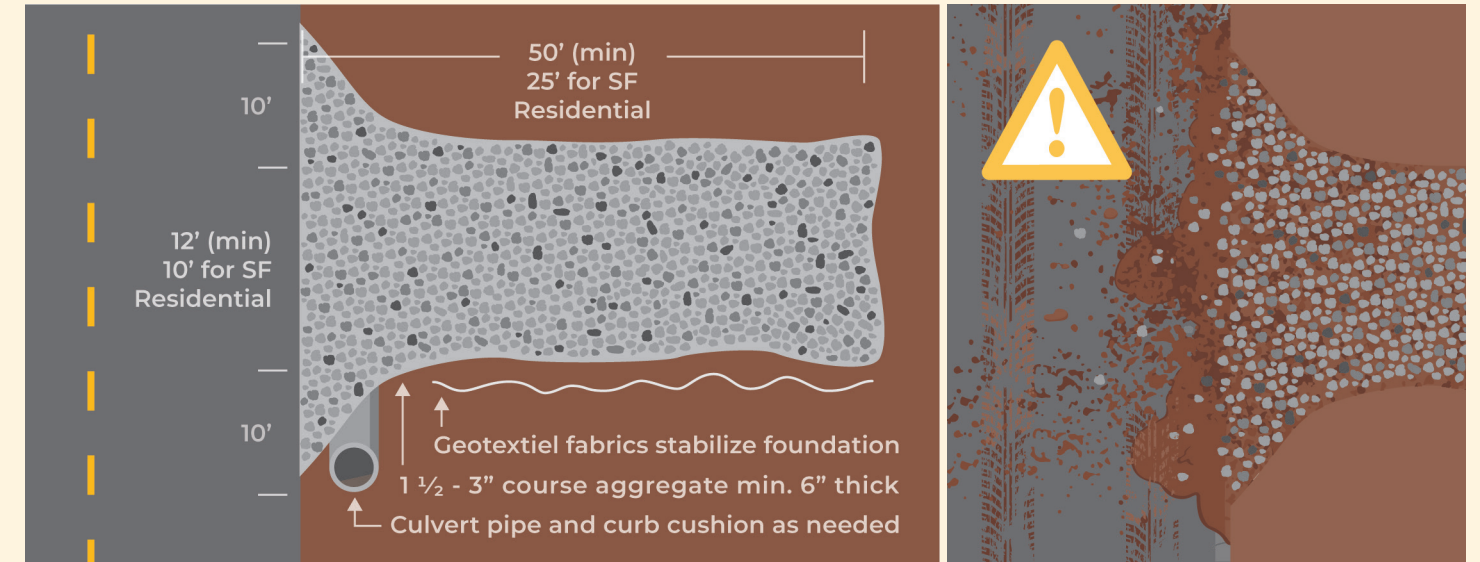


DO - Erosion and sediment control device are properly installed and maintained to protect the inlet. In addition, sediment and debris have been cleared away.

DON'T - These erosion and sediment control devices have not been properly maintained. Plus, sediment and debris have been allowed to accumulate.

CONSTRUCTION ENTRANCE

Required for each individual lot. Install a surface suitable for parking and unloading to prevent tracking of mud and rock onto the street. All vehicles shall use the construction entrance. Restrict other access if necessary. Clean up sediment or trash that gets in the street at the end of the day.

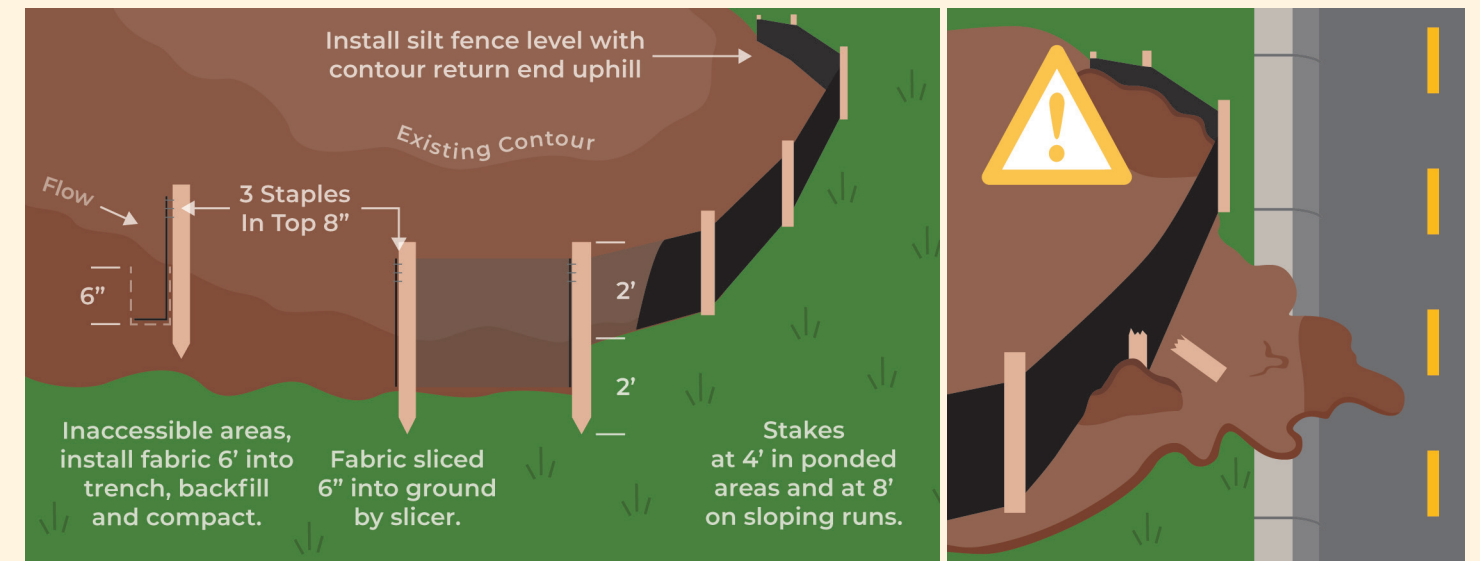


DO - The site access is properly graveled to prevent mud and rock from getting into the street. It is the required 50' long and 12' wide.

DON'T - This site access is not properly graveled. Sediment from the site has moved into the street. Gravel needs freshened up.

SILT FENCE INSTALLATION

Silt fence can be used to help with erosion and sediment control on hillsides and protection of other stormwater assets and waterways. Perimeter controls are maintained to ensure proper function, including repair or replacement of torn, degrading, missing or ineffective materials. Remove sediment deposits as necessary to provide adequate protection.

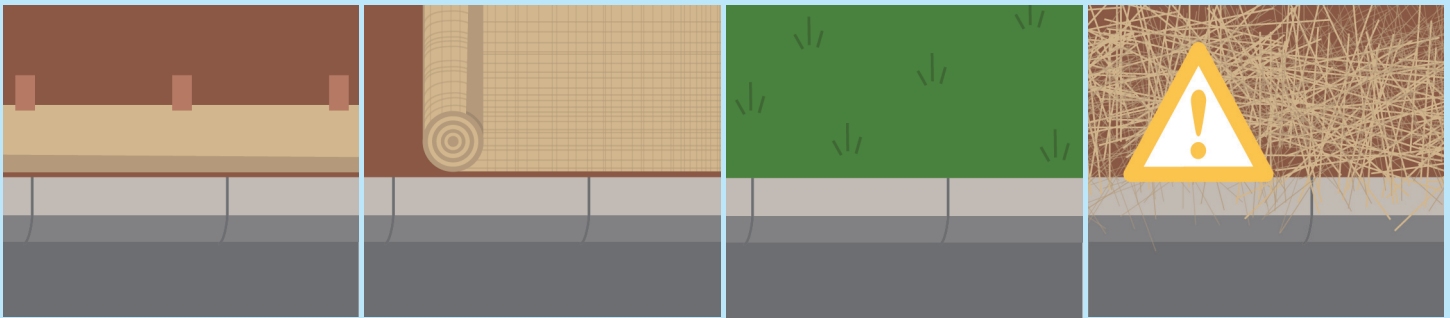


DO - Silt fence has been properly installed keeping sediment from moving onto streets and sidewalks.

DON'T - Silt fence has not been properly maintained allowing sediment to move onto streets and sidewalks. Dirt has accumulated behind the silt fence.

SILT FENCE ALTERNATIVES

Straw wattles, compost logs, blankets and grass buffers are good alternatives to silt fence, reducing erosion and filtering sediment. These can be installed in all weather conditions and are easily repaired if necessary. They are appropriate for perimeter control on most individual building lots and work well in small areas such as the right-of-way between the curb and sidewalk.



Waddle/Log

Blanket

Grass Buffer

DON'T - Mulch/Straw

INTERMEDIATE CONTROL

Long or steep drainage paths have intermediate or interior BMP's installed to help slow the flow of runoff. Failure of perimeter controls due to the force of runoff often determines the need for intermediate controls.

OTHER POLLUTANTS

De-watering is done in such a manner as not to deposit sediment off site or cause erosion. Trash and debris are contained. All waste water, including concrete washout, is properly disposed of. Materials and chemicals are properly stored.

STOCKPILES

Protect stockpiles with perimeter controls or other applicable BMP's. Stockpiles should be located away from waterways, drainage paths and should be accessible from the up gradient side to allow perimeter controls or other applicable BMP's to stay in place.



CONTACT

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3-1-1

Disclaimer: Construction sites in Kansas City, KS, regard-less of size, are regulated to ensure Best Management Practices (BMPs) are installed and maintained to prevent sediment and other pollutants from leaving the site. Lack of erosion and sediment control BMPs can allow large quantities of sediment and other pollutants to leave the site and enter streams, lakes and rivers.

Additionally, a Stormwater Pollution Prevention Plan (SWPPP) may be in effect for your lot in accordance with the subdivision's coverage under the Construction General Permit issued by the Kansas Department of Health and Environment ((785) 296-6804). Check with the developer of the subdivision to complete an Individual Lot Certification (ILC) as required by the State of Kansas and to obtain a copy of the SWPPP, as you may be responsible for that portion of the plan that affects your lot.

This brochure contains plans and practices appropriate for residential building lots. It is not intended to address all circumstances. Local permits and regulations may prevail over information contained in this brochure.