



Community Development and Sustainability Department

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STORM WATER POLLUTION PREVENTION

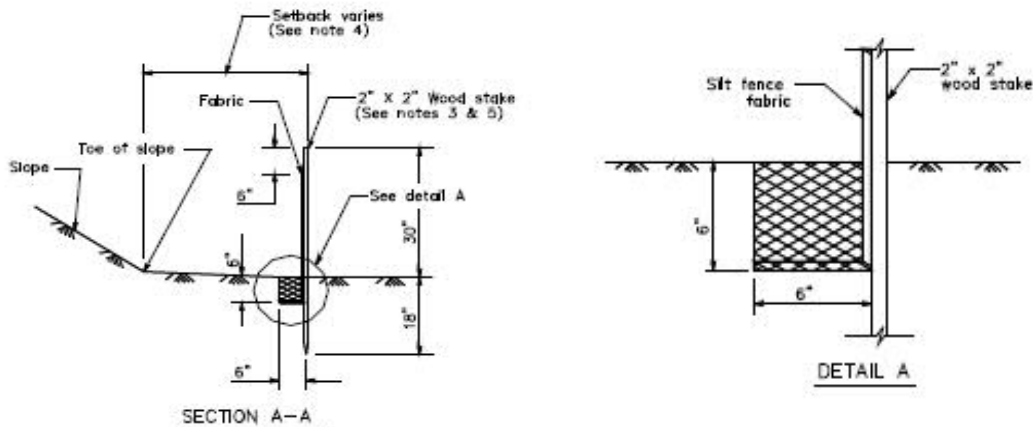
The 2010 California Green Building Standards (CAL Green) include storm water pollution prevention requirements for construction projects that disturb less than one acre of land. These requirements include best management practices (BMPs) to prevent loss of soil as well as good housekeeping BMPs to prevent pollution. Some projects may be required to provide an erosion and sediment control plan that is specific to the site. When site-specific plans are not required, the general provisions outlined in this document may be implemented to comply with CALGreen requirements for storm water pollution prevention.

SOIL LOSS BMPs Soil loss BMPs shall be implemented as appropriate for each project. These BMPs include, but are not limited to, the following:

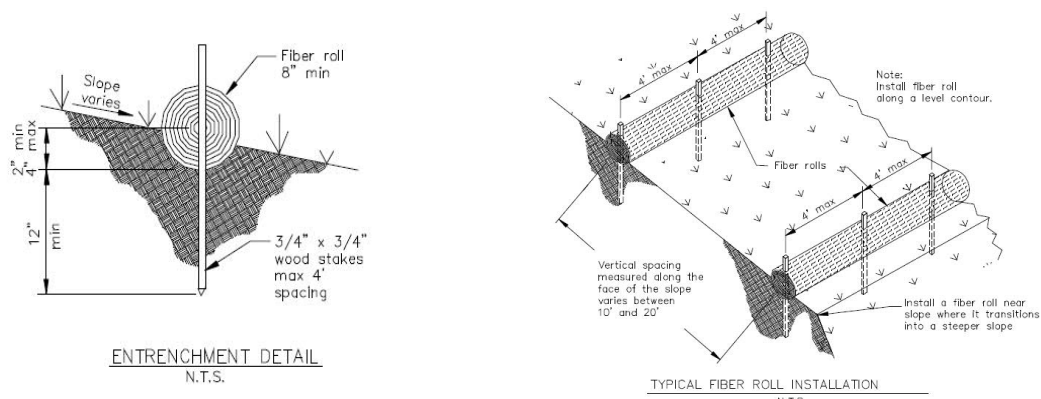
Perimeter sediment control (perimeter silt fence, fiber rolls)

Employ sediment control measures to prevent sediment from flowing off the property in storm run-off.

SILT FENCE

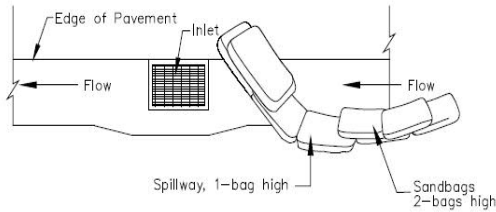


FIBER ROLLS

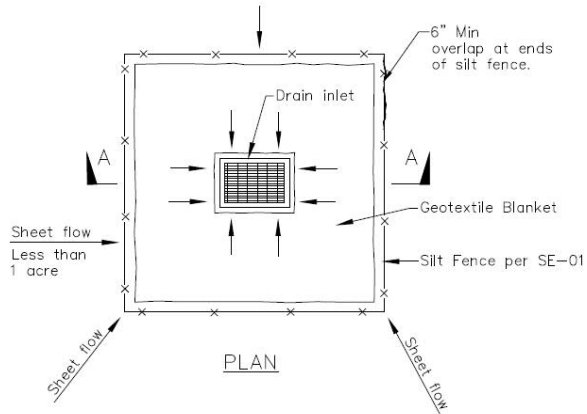


Protection of storm drain inlets (gravel bags or catch basin inserts)

Drain inlets (DIs) that are subject to runoff from construction activities must be protected from sediment-laden runoff. Drain inlet protection shall be in place and properly maintained at all times.



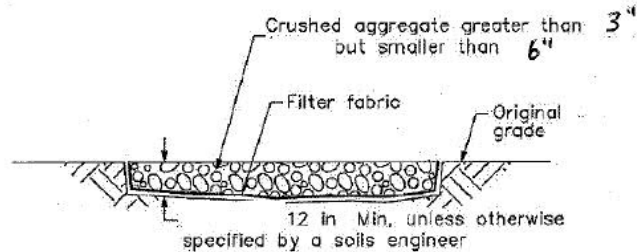
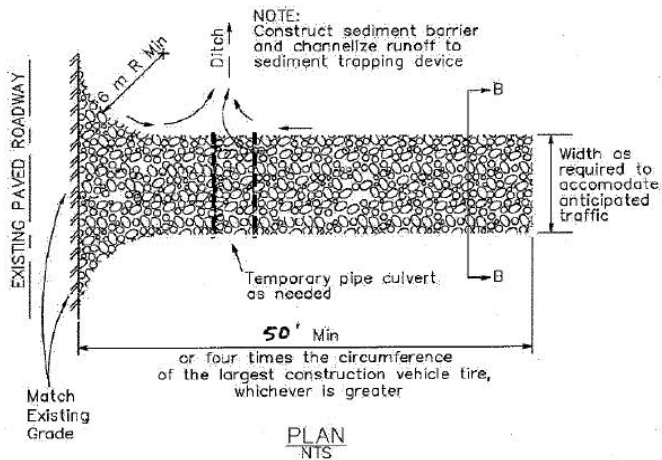
TYPICAL PROTECTION FOR INLET ON GRADE



DI PROTECTION TYPE 1
NOT TO SCALE

Stabilized construction access

A stabilized construction access is required where construction vehicles enter and leave the property if there is no paving provided. The access must be maintained to prevent tracking of mud and dirt onto public roads by construction vehicles. If mud and or dirt are tracked onto the street, then it must be cleaned up using only dry methods. **Dirt or mud shall not be cleaned off the street by wet methods.**



Preservation of natural features, vegetation and soil

Limit the footprint of the construction activities to the extent possible in order to preserve existing vegetation on the site.

Scheduling construction activity

Weather conditions shall be considered when scheduling construction activities. Activities that are likely to disturb the soil shall not be undertaken when there is a 50% or greater chance of a significant rain event as forecasted by the National Weather Service. Grading and similar activities shall not be undertaken on windy days (wind in excess of 15 mph). Keep the site stabilized year-round, and retain and maintain rainy season (October 1 to April 30) sediment trapping devices in operational condition.

Some additional BMPs that may be required depending on site conditions

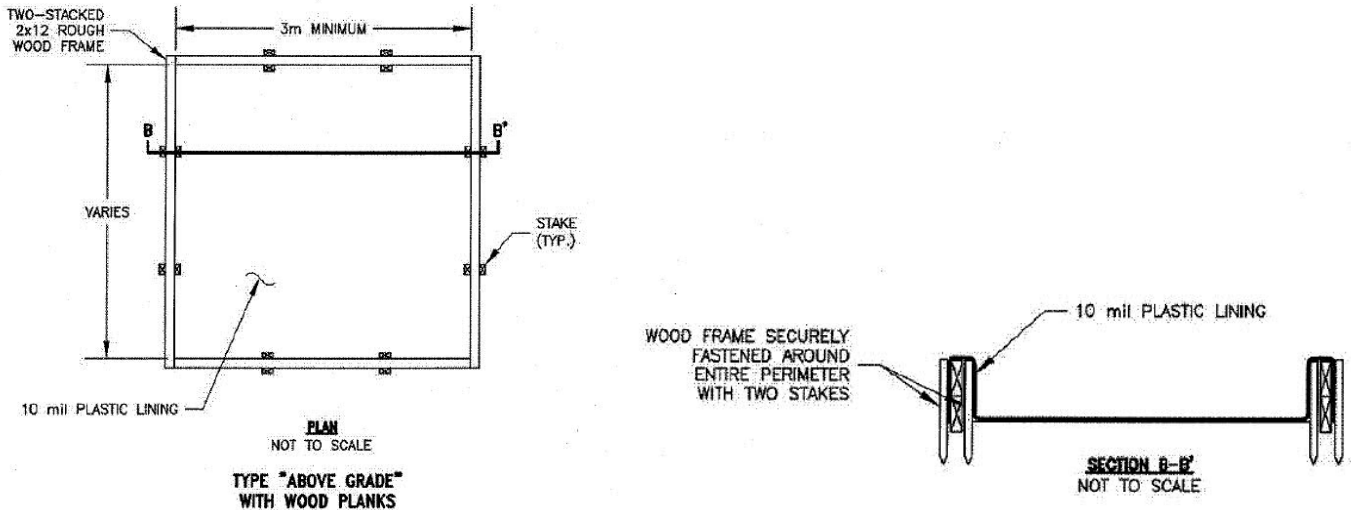
- Wind erosion control
- Mulching or hydroseeding to stabilize disturbed soils
- Erosion control to protect slopes
- Sediment trap or sediment basin to retain sediment on site

GOOD HOUSEKEEPING BMPs Good housekeeping BMPs shall be implemented to manage construction equipment, materials, and wastes as appropriate for each project. These BMPs include, but are not limited to, the following:

Management of washout areas (concrete, paints, stucco, etc.)

Concrete, stucco, paint and other waste shall not be allowed to enter storm drains or watercourses.

Concrete, stucco, paint and other waste shall be collected and properly disposed of using a temporary washout facility or other approved method.



Material handling and waste management

Procedures and practices for the proper handling and storage of materials shall be implemented to eliminate the discharge of these materials to the storm drain system or to watercourses.

Perimeter controls, containment structures, covers, and liners shall be repaired or replaced as needed to maintain proper function.

Solid waste management procedures and practices shall be implemented to eliminate the discharge of pollutants to the drainage system or to watercourses as a result of the creation, stockpiling, or removal of construction site wastes.

Building materials stockpile management

Soil stockpiles shall be covered or protected with soil stabilization measures and a temporary perimeter sediment barrier at all times to prevent erosion and pollution from rain and wind events.

Some additional Good Housekeeping BMPs that may be required depending on site conditions

- Spill prevention and control
- Control of vehicle/equipment fueling to contractor's staging area
- Vehicle and equipment cleaning performed off site
- Covered trash receptacles or containers