

Stormwater Pollution Prevention:

Construction on Small Building Sites (less than 1 acre)

This guidance is intended to assist developers and property owners of construction projects that disturb less than one acre of land. Additional requirements apply for sites that disturb one acre of land or more.

It is illegal to discharge sediment-laden water and other construction-related pollutants to the local storm drainage system and waterways. Erosion and sediment discharges are visible and environmentally harmful pollutant sources associated with construction sites. Other potential pollutants from construction include paint, concrete residue, stucco, chemicals and waste materials. Pollutants that are carried off construction sites site by wind or water up in local wetlands, waterways and the ocean.

Local, State and Federal laws require construction projects to manage and minimize the discharge of dirt and other pollutants from leaving the construction site.

2022 California Green Building Standards require that stormwater drainage be managed during construction to prevent flooding of adjacent property, prevent erosion and retain soil runoff on the site.

City of Davis Municipal Code:

- Makes it illegal for anyone to discharge pollutants, including sediment-laden water and other construction-related pollutants into a storm drainage system.
- Requires an erosion and sediment control plan or similar document for any projects that require a building or grading permit.

IF YOUR PROJECT REQUIRES A BUILDING OR GRADING PERMIT FROM THE CITY, YOU MAY NEED TO DEVELOP AN EROSION AND SEDIMENT CONTROL PLAN.

An **Erosion and Sediment Control Plan** establishes the *site-specific* plan of action and construction Best Management Practices (BMPs) that you will need to minimize and prevent the discharge of sediment, construction materials or pollutants from leaving your site. All construction projects should also implement basic good housekeeping BMPs to protect stormwater and creeks.

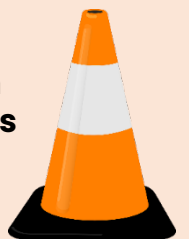
Erosion and Sediment Control Plans are required with building permits, including but not limited to: new pool permits, ADU permits, new single-family residence permits and demolition permits.

If your construction project will be disturbing the soil, you will need to develop and submit an Erosion and Sediment Control Plan for City approval with your building permit application.

- The specific control measures and BMPs in your project’s Erosion and Sediment Control Plan should be continually implemented and maintained before demolition or construction starts and throughout the project until activities are complete, disturbed areas are stabilized with permanent erosion controls and the local agency has signed off on all permits.
- Inspect and maintain the control measures before and after rain events to make sure your BMPs are installed properly and are working effectively.



If sediment or other pollutants leave your construction site and get onto the street or down a storm drain, immediately report the discharges to the Public Works Utilities and Operations at 530-757-5686 or PWWeb@CityofDavis.org.



Construction sites will be subject to inspection to ensure compliance.

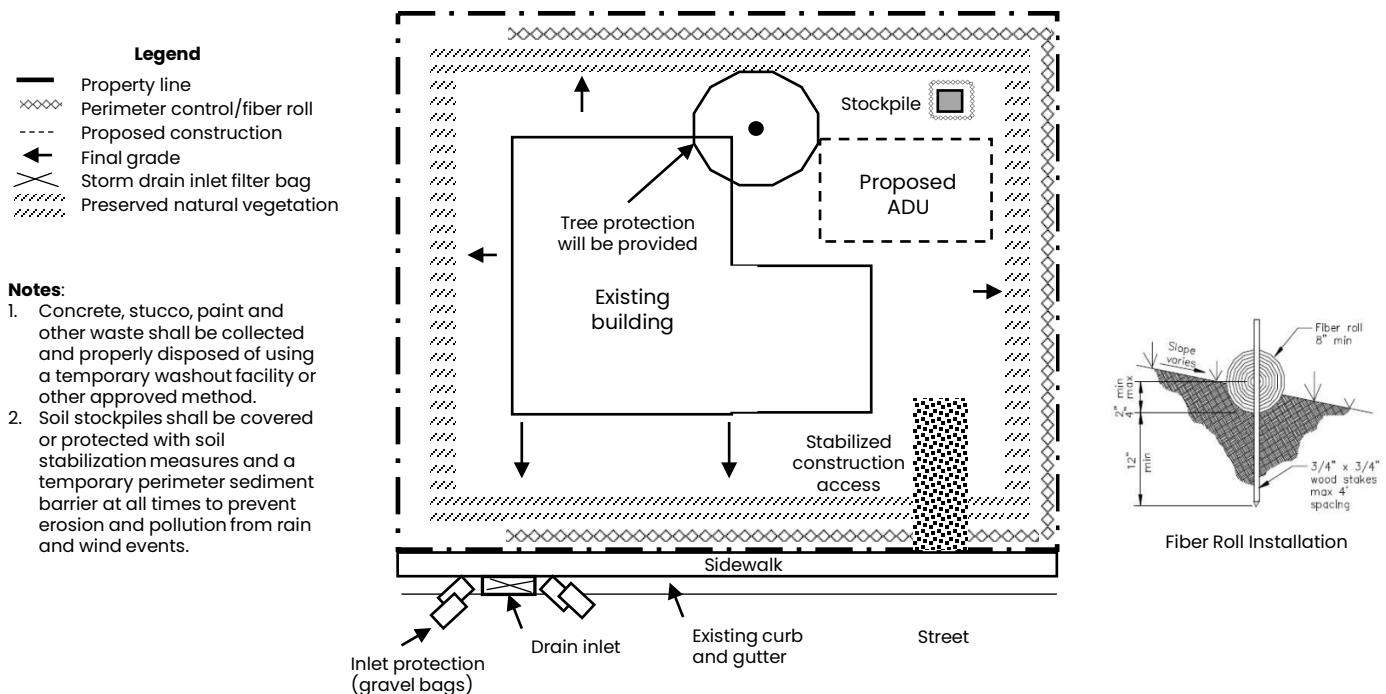
What does an Erosion and Sediment Control Plan Look Like?

- At a minimum, an Erosion and Sediment Control Plan should include the following:
 - Site Plan showing selected BMP locations and legend
 - BMP notes and description
 - Schematic detail of control measure installation, if necessary
- A submitted Erosion and Sediment Control Plan needs to include an effective combination of erosion controls and sediment controls to prevent dirt from leaving the site. The Erosion and Sediment Control Plan should also include appropriate good housekeeping BMPs to prevent construction materials and waste from leaving the site.

<u>Erosion Controls</u>	<u>Sediment Controls</u>	<u>Good Housekeeping</u>
Scheduling	Tracking Controls	Concrete Washout
Preserve Vegetation & Creek Set Backs	Fiber Rolls	Stockpile Management
Soil Cover	Silt Fence	Hazardous Material Management
Soil Preparation/Roughening	Drain Inlet Protection	Sanitary Waste Management
Erosion Control Blankets	Trench Dewatering	Equipment and Vehicle Management
Revegetation		Litter and Waste Management

Example Erosion and Sediment Control Plan

- The example Site Plan below is not intended to be all inclusive or address every situation. Every building site is unique and it is the responsibility of the owner to ensure appropriate BMPs. Additional or modified practices may be required on some sites.



Questions?

Detailed information on stormwater construction requirements can be found at Stormwater.CityofDavis.org. Click on the link for "Construction" on the right side of the page.

For questions relating to these requirements, please contact the City's Building Division at 530-757-5610 or OnlinePermits@CityofDavis.org.

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