



Department of Building Safety

ATTENTION BUILDERS:

THE CITY OF SHAKOPEE RECENTLY ADOPTED A WATER RESOURCES MANAGEMENT ORDINANCE. THIS NEW ORDINANCE REQUIRES EACH BUILDING PERMIT APPLICATION TO BE ACCOMPANIED BY TWO COPIES OF AN EROSION CONTROL PLAN.

AT A MINIMUM, YOUR EROSION CONTROL PLAN MUST INCLUDE:

1. Description of and specifications for sediment retention and settling devices.
2. A description of, specifications for, and detail plates for surface runoff and erosion control devices.
3. A description of vegetative measures.
4. A detailed timetable for restoring all disturbed areas.
5. A graphic and scaled representation of the location of all specified erosion and sediment control devices to protect the following items also shown on the plan:
 - All catch basins, overflow structures, flared end sections and/or channel outlets susceptible to sedimentation resulting from construction.
 - Drainage patterns, storm water basins, wetlands, drainage channels and/or other water bodies.
 - Septic site and infiltration area locations.
 - Street frontages, adjacent properties and downstream gradients.
 - One (1) rock construction entrance, maximum of twenty (20 feet in width).
6. An implementation schedule for installing and subsequently removing devices described above.
7. A maintenance schedule for all sediment and erosion control devices specified.
8. An estimate of the costs to implement all final and temporary erosion and sediment control measures.
9. An information sheet on the parties responsible for constructing and maintaining the erosion control measures as shown on the erosion control plan. The information sheet should contain the phone numbers and addresses of at least two (2) persons and indicate how they can be contacted at all times (days, nights, weekends, etc.) regarding repairing and maintaining the erosion control measures.
10. Details to specify which erosion and sediment control facilities are permanent and which are temporary.

AS PART OF YOUR BUILDING PERMIT REQUIREMENTS, YOU ARE RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL EROSION CONTROL MEASURES ON THE CONSTRUCTION SITE.

AT A MINIMUM, YOUR CONSTRUCTION SITE MUST HAVE:

1. Silt fences, or other approved perimeter controls, properly installed and maintained.
2. A rock construction entrance onto a paved street.
3. Inlet protection at all adjacent catch basins, overflow structures, flared end sections and/or channel outlets.
4. Erosion control protection at all downstream gradients to prevent sediment from exiting the property.
5. Erosion control protection for all storm water basins, wetlands, drainage channels and/or other water bodies.
6. Protective fences surrounding all septic site locations and infiltration areas.
7. Interim seed and mulch on all exposed soils.
8. Dust control and street sweeping.

CITY INSPECTORS WILL NOT PERFORM INSPECTIONS OR ISSUE A CERTIFICATE OF OCCUPANCY IF EROSION CONTROL MEASURES ARE NOT IN COMPLIANCE WITH CITY REQUIREMENTS.

Inspectors will periodically check the property for erosion control compliance. Properties that are not in compliance will be issued a NOTICE OF VIOLATION and corrections must be completed within forty-eight (48) hours. However, these corrections need to be made immediately if sediment enters streets, wetlands, storm water basins and/or other water bodies.

Failure to correct the items noted may result in the issuance of a STOP WORK ORDER. Corrective action may be taken by the City of Shakopee or the City may hire an independent contractor to perform this work. All costs incurred will be deducted from the BUILDER'S ESCROW ACCOUNT with any overages billed directly to the building permit applicant, including a fee for each re-inspection that is performed.

**City of Shakopee
Department of Building Safety**

Project Location: _____ Plans Reviewed By: _____
Property Owner: _____ Date: _____
Anticipated Starting Date: _____
Anticipated Completion Date: _____
Persons Responsible for Providing Erosion Control Plan: _____
Company: _____
Phone No: _____ Cell No: _____ Fax No: _____

SUPPLEMENTAL EROSION CONTROL PLAN CONDITIONS/NOTES:

1. All erosion control measures will be installed and in operation prior to any land disturbing activities and they will be adequately maintained until construction is complete and the potential for erosion has passed.
2. No land disturbing activity will occur until the City of Shakopee has issued a building permit and field inspected all erosion control measures.
3. The limits of land disturbing activity denoted on the plans needs to be clearly marked in the field prior to construction. No land disturbing activity will occur beyond these limits without written permission from the City of Shakopee.
4. Silt fences, or other approved perimeter controls, are required at all down gradients of stockpiles and all areas disturbed by construction.
5. An undisturbed filter strip/buffer will be required adjacent to all wetlands. The width will be determined by the City of Shakopee.
6. All erosion control measures will comply with the City Code, the City's Comprehensive Water Resources Management Plan, the City's Design Criteria and the City's Storm Water Pollution Prevention Program (SWPPP).
7. All Best Management Practices (BMPs)/erosion control measures, will be in conformance with erosion control measures, standard and specifications contained in the Minnesota Pollution Control Agency (MPCA) publication, "Protecting Water Quality in Urban Areas" or as otherwise approved by the City of Shakopee.
8. All erosion control measures selected will be appropriate for the time of year, site conditions and duration of usage.
9. All work and materials will be constructed per the approved plans. Any deviation from the approved plans will require written approval from the City of Shakopee.
10. A copy of these plans must be on the job site whenever construction is in progress.
11. The erosion control measures shown on the plans are the minimum requirements for the anticipated site conditions. The City of Shakopee reserves the right to require additional measures as unexpected or seasonal conditions dictate or if the planned measures are not performing adequately.
12. The erosion control measures need to be inspected daily by the permittee and maintained as necessary to ensure they are functioning as intended.

13. Wherever possible, preserve existing trees, shrubs, grass and vegetative cover. The City of Shakopee must be notified prior to any impacts.
14. Land disturbing activities will occur in increments of workable sizes such that adequate erosion control measures can be provided throughout all phases of construction. The smallest practical area shall be disturbed at any one time.
15. Operate tracked equipment up and down exposed slopes leaving tracked grooves perpendicular to the slope. Do not back-blade exposed slopes, but rather leave a rough surface to prevent erosion.
16. Establish a permanent vegetative cover on all exposed soils if land is coming out of agricultural production. Plant as soon as possible to establish a dense grass filter strip prior to construction to minimize weed growth.
17. All disturbed areas need to be stabilized upon completion of backfill and rough grading of the site. Temporary seed and mulch will cover all exposed soils until final lot grading is performed and final turf is established (seed or sod).
18. All stabilized areas re-disturbed by utility installation and other construction activities need to have turf re-established.
19. All temporary erosion control measures need to be properly disposed of within fourteen (14) days after final turf stabilization.
20. Trees not approved for removal will be adequately protected from damage caused by construction activities. Do not drive equipment within the driplines, root zones or within the approved tree protection fence areas.

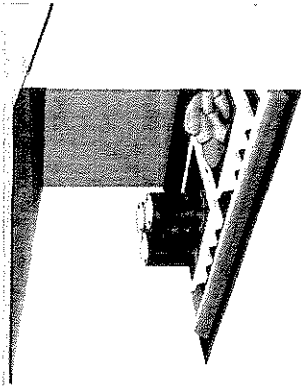
Other Erosion Control Measures and/or Areas Required to be Protected (determined during plan review or site inspection):

_____/_____
Applicant Signature /Date

_____/_____
Approved By/Date

POST WITH BUILDING PLANS

Solid waste/hazardous materials management



Example of hazardous materials storage (tanks removed for illustrative purposes only). Access to hazardous materials must be restricted.

Storm drain inlet protection

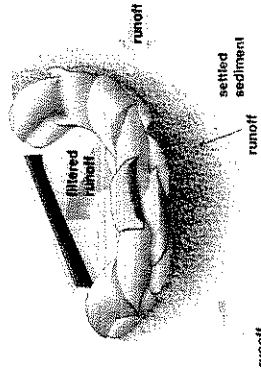


Figure 1. Sand or gravel bags can be used to filter stormwater runoff before entering a catch basin. Commercial products are also available that fit in front of or inside the catch basin.

Stabilized construction exit

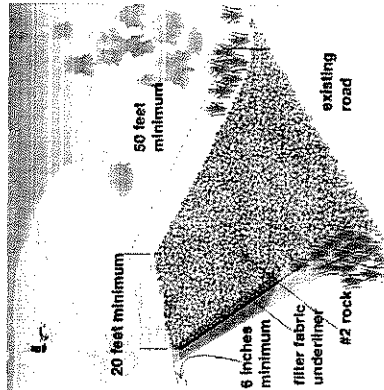


Figure 4. Stabilized construction exit.

Silt fence/other sediment barrier

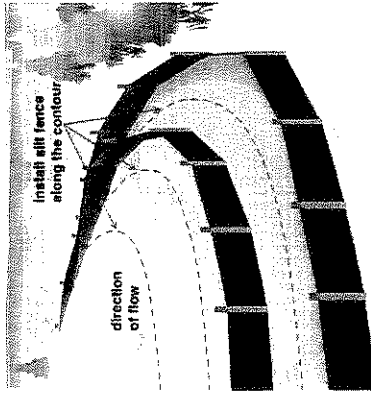


Figure 5. Illustration of silt fence installed along the contour.

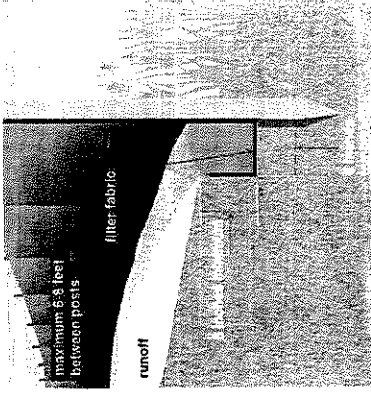


Figure 6. Detail of silt fence installation.

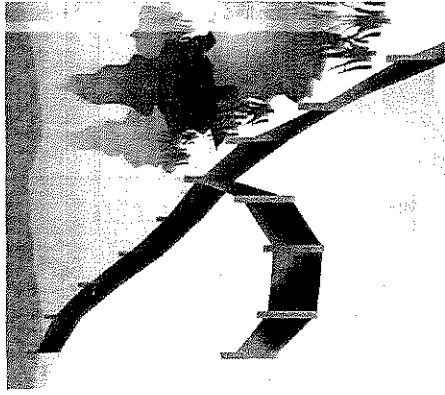


Figure 7. Illustration of "L-hooks" used during silt fence installation.

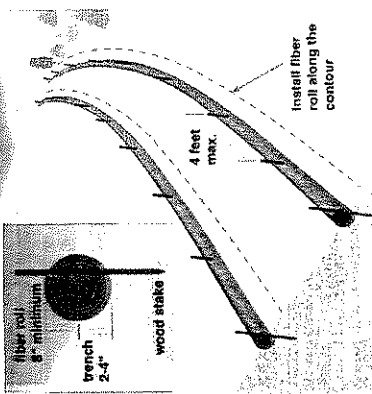


Figure 8. Fiber roll installation and detail.

Figure 2. Sand or gravel bags used to protect a drop inlet.

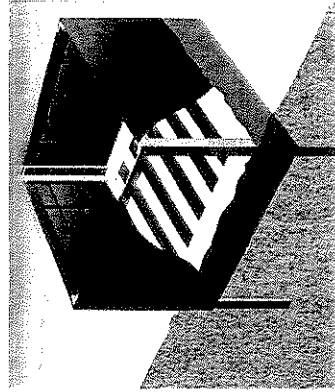
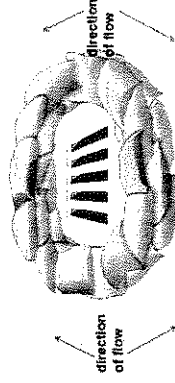


Figure 3. Silt fence can also be used to protect a drop inlet.