



Creating a Simple Erosion and Sediment Control Plan

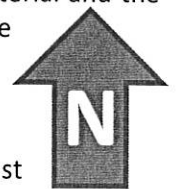
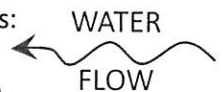
Why is an Erosion and Sediment Control Plan Required?

When disturbing the ground, it is important to make reasonable efforts to prevent soil from eroding off of your jobsite. This helps prevent sediment from creating a void on your project site and also helps stop material from entering the local rivers and creeks. A permit is required so that the Village can help guide homeowners in managing their best management practices to prevent soil erosion. As part of the permit process, a written plan and site drawing is required so that the Village can review a homeowner's plan for erosion and sediment control and provide guidance when necessary. Having a plan in place can help reduce costs to the homeowner and ensures that proper erosion and sediment controls have been provided before soil erosion starts.

What is required in an Erosion and Sediment Control Plan?

Erosion and Sediment control plans for small jobsites must contain at a minimum the following items:

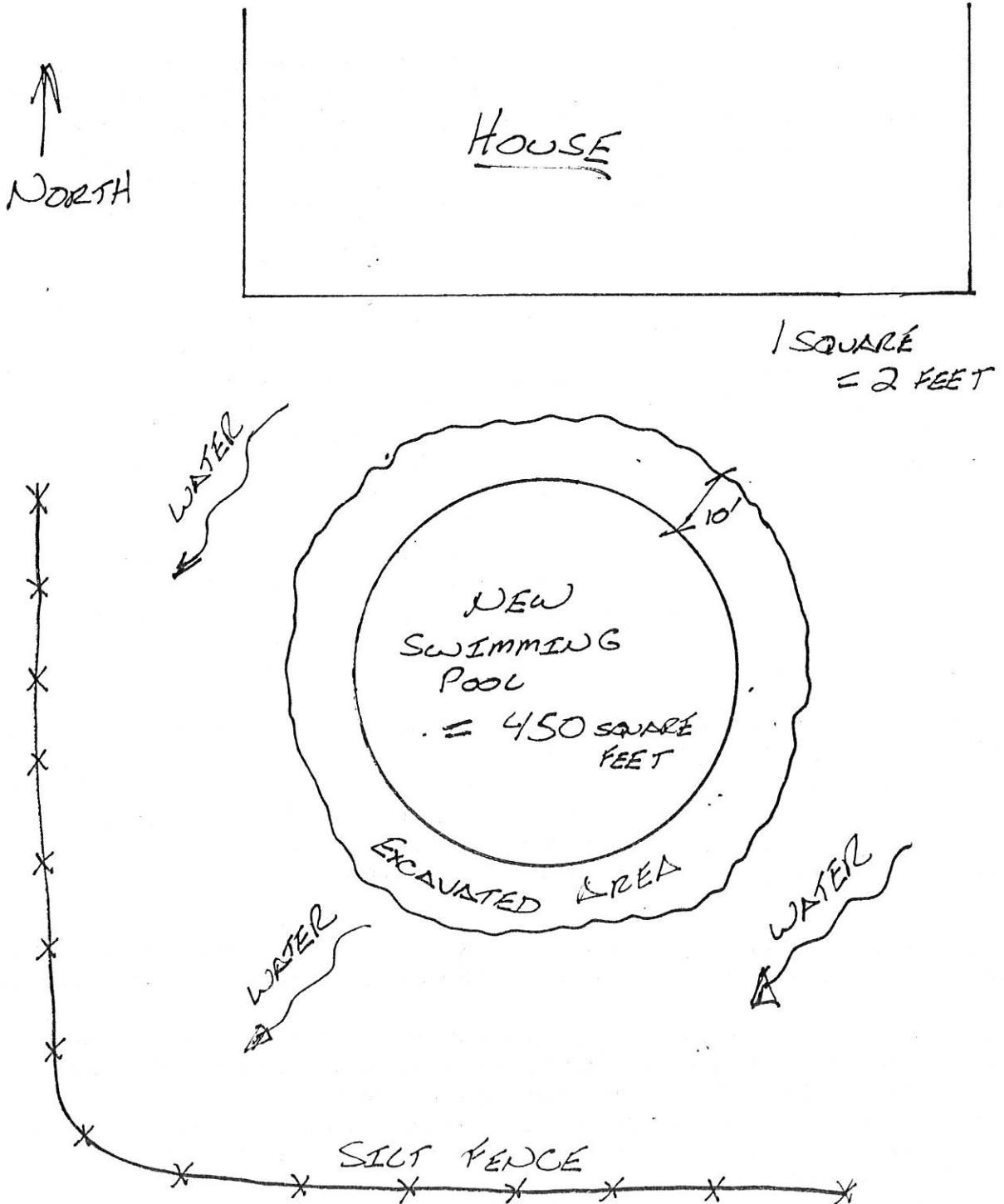
- A drawing showing the existing topography of the site – For small jobsites, a hand sketch of the site with **arrows showing the direction of surface water** at various points throughout the site.
- Show the **location of existing buildings**, structures, utilities, paved areas and other significant man-made features within your project site. This indicates what needs to be protected from soil erosion.
- Show the **location of vegetated areas**, streams, lakes, floodplains, wetlands, and other significant natural features within your site. Many vegetated areas may count as anti-erosion measures.
- Indicate the location of **where you will be excavating soil from**, where you will store excavated material and the locations of any areas you plan to disturb on your project site. Your disturbed area is not limited to the footprint of the proposed project. Piles of soil must be protected as well as the project pad itself.
- The type, size and location of **all erosion and sediment controls** being installed or used on site - A Homeowner's Guide to Erosion and Sediment Control is available from Village Hall.
- Methods to prevent tracking of soils off site by vehicles and equipment – Construction equipment must not track soil on to the roadway
- Information regarding the proposed phasing of the project if it will have multiple phases over a period of time
- A north arrow showing the orientation of the site
- The approximate scale of the drawing
- Other items may be required depending on the type of project and the existing site conditions
- Sample Erosion Control Plans are available at Village Hall as well as a template which can be used for most small project sites. Many other resources are also available to help Homeowners.



1 Foot = 1 Inch

How do I create my Erosion and Sediment Control Plan?

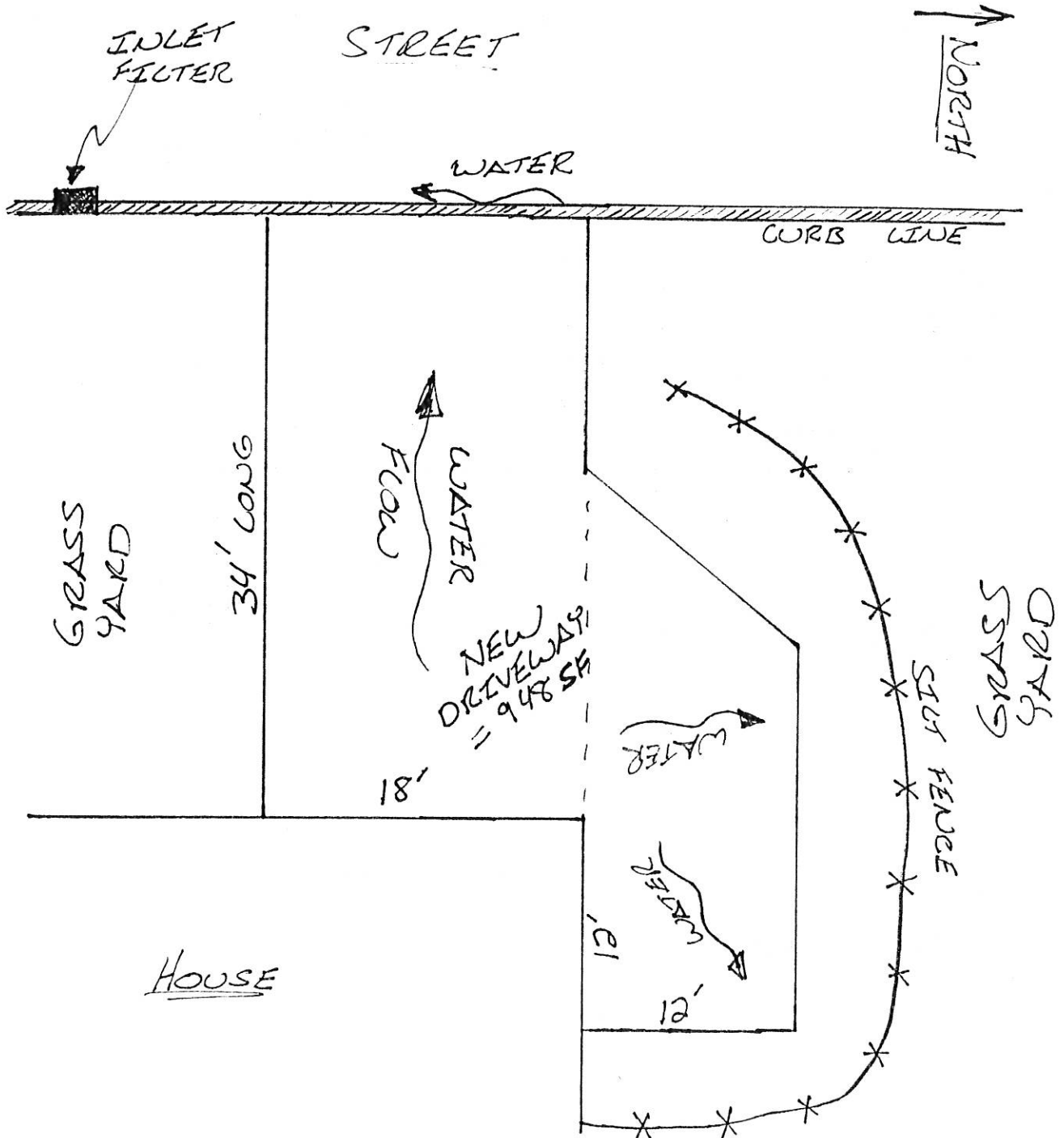
- The first step should be to visit the site in person and visualize what construction will take place. It may also be helpful to place stakes in the ground to show your proposed project or to paint marks on the ground showing your construction limits.
- Draw a basic sketch of your site and proposed improvements including all existing structures in the area
- Next, look to see where water will flow during a rain storm. Water will always follow the easiest path down hill and so you should be able to anticipate where water will naturally flow.
- Determine where soil will be able to erode from your site and where the soil will be taken to by the rain water
- Add erosion control measures to your sketch showing where your inlet filters, silt fence and other systems will be installed on site to counteract the soil erosion.
- Be sure to make note of where vehicles and equipment will enter and leave your jobsite to ensure that soil and sediment is not tracked on to the nearby roadway.
- Always be sure to note that the simplest and cheapest way to prevent soil erosion is to minimize your ground disturbance. This will prevent soil from ever even starting to erode on your site, decrease the erosion control measures required and eliminate much of your jobsite cleanup after work is done.



1 Square \approx 1/4"

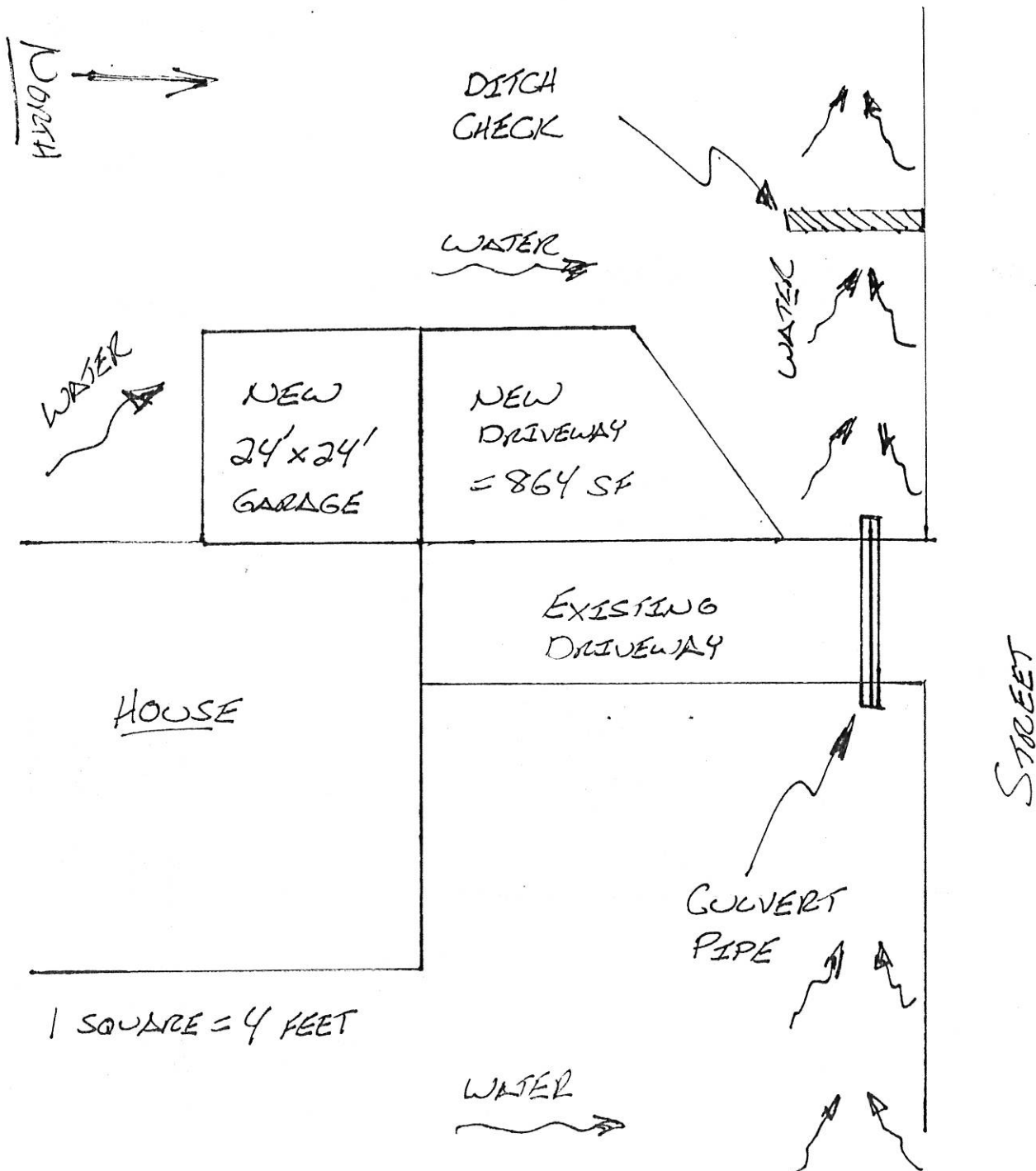
SAMPLE EROSION CONTROL PLAN FOR
WORK IN A BACK YARD

1 SQUARE = 2 FEET



1 Square \approx 1/4"

SAMPLE EROSION CONTROL PLAN
FOR SMALL WORK NEAR A STREET



1 Square \approx 1/4"

SAMPLE EROSION CONTROL PLAN FOR
A NEW GARAGE ON A STREET
WITH DITCH TYPE STORM SYSTEM