

MANDATORY REQUIREMENTS FOR SITE PLAN

FAILURE TO PROVIDE ALL 13 ITEMS WILL RESULT IN NOT BEING ABLE TO PROCESS YOUR PERMIT APPLICATION

Part 91, Soil Erosion & Sedimentation Control Plan

Project: _____

Rule 1703 Requirements

Comments _____

1	Map with scale: 1"=200' or less, or indication of exact distances between noted features on site plan	
2	A site location sketch	
3	Legal description of property	
4	Proximity of any proposed earth change to lakes and/or streams	
5	Predominant land features	
6	Slope description or contour intervals	
7	Soils survey or written description of the soil types of the proposed exposed land area	
8	Description and location of the physical limits of each proposed earth change	
9	Description and location of all existing and proposed on-site drainage and dewatering facilities	
10	Timing and sequence of each proposed earth change	
11	Location and description for installing and removing all temporary SESC measures	
12	Description and location of all proposed permanent SESC measures	
13	Maintenance program for all permanent SESC measures and designation of person responsible for maintenance	

**IONIA COUNTY
SOIL EROSION AND SEDIMENTATION
CONTROL APPLICATION**

1. APPLICANT

OWNER	OWNERS AGENT		
Name		Address	
City	State	Zip	Area Code/ Telephone

2. LOCATION

Section	Town	Range	Lot No (s)	Township	Subdivision
City/ Village				County	Street Address

3. PROPOSED EARTH CHANGE

Type of Earth Change	Size of Earth Change (Acres)
Name of and Distance to Nearest Lake, Stream or Drain	Date Project to Start
	Date Project to be Completed

4. SOIL EROSION AND SEDIMENTATION CONTROL PLAN (NOTE: Two (2) Sets of complete Plans Must be Attached)

Plan Preparer's Name and Company Name

5. Parties Responsible for Earth Change

Name of Property Owner of Record (if other than Applicant from no. 1)			Address	
City	State	Zip	Area Code/Telephone	
Name of Individual "On Site" Responsible for Earth Change			Company Name	
Address	City	State	Zip	Area Code/Telephone

6. Performance Deposit

Amount Required \$	Cash <input type="checkbox"/>	Certified Check <input type="checkbox"/>	Irrevocable Letter of Credit <input type="checkbox"/>
Name of Company			
Address	City	State	Zip
Area Code/Telephone			
Local Agent			
Address	City	State	Zip
Area Code/Telephone			

I (we) affirm that the above information is accurate and that I (we) will conduct the above described earth change in accordance with Part 91 of P.A. 451 of 1994 its corresponding rules, applicable local ordinances and the agreements accompanying this application.

Owner's Signature (Mandatory) *	Date
Owner's Agent's Signature	Date

* Owner's Signature is mandatory unless owner's agent provides written authorization by the owner to sign the application.

In reference to your proposed *Soil Erosion and Sedimentation Control plans*, you must include the following information: *(Items Checked)*

A Amount of earth to be moved. (acres, yards, cubic yards, ect). _____

B Drawings to accompany your application.

X 1) A topographic map indicating the proximity of the earth change to lakes, streams, wetlands, adjacent property owners, etc. (see page 3)

X 2) Site Development Plan. (Proposed work to be done along with limits of earth change. Be as specific as possible...size, distances property owners, etc.) (see page 3) _____

3) Final Grading and Drainage Plan. Indicate drainage plan for surface water runoff, you cannot redirect storm water onto adjoining property owners without a positive direct outlet. _____

X 4) Erosion and Sediment Control Plan (please explain i.e.: silt fence, inlet protection, buffer strips. _____

C Indicate briefly the temporary measures proposed to prevent sediment from leaving the site during each phase of construction. (LARGE PROJECTS, such as over one (1) acre of disturbed land adjacent to lake, stream, wetland, etc ...) _____

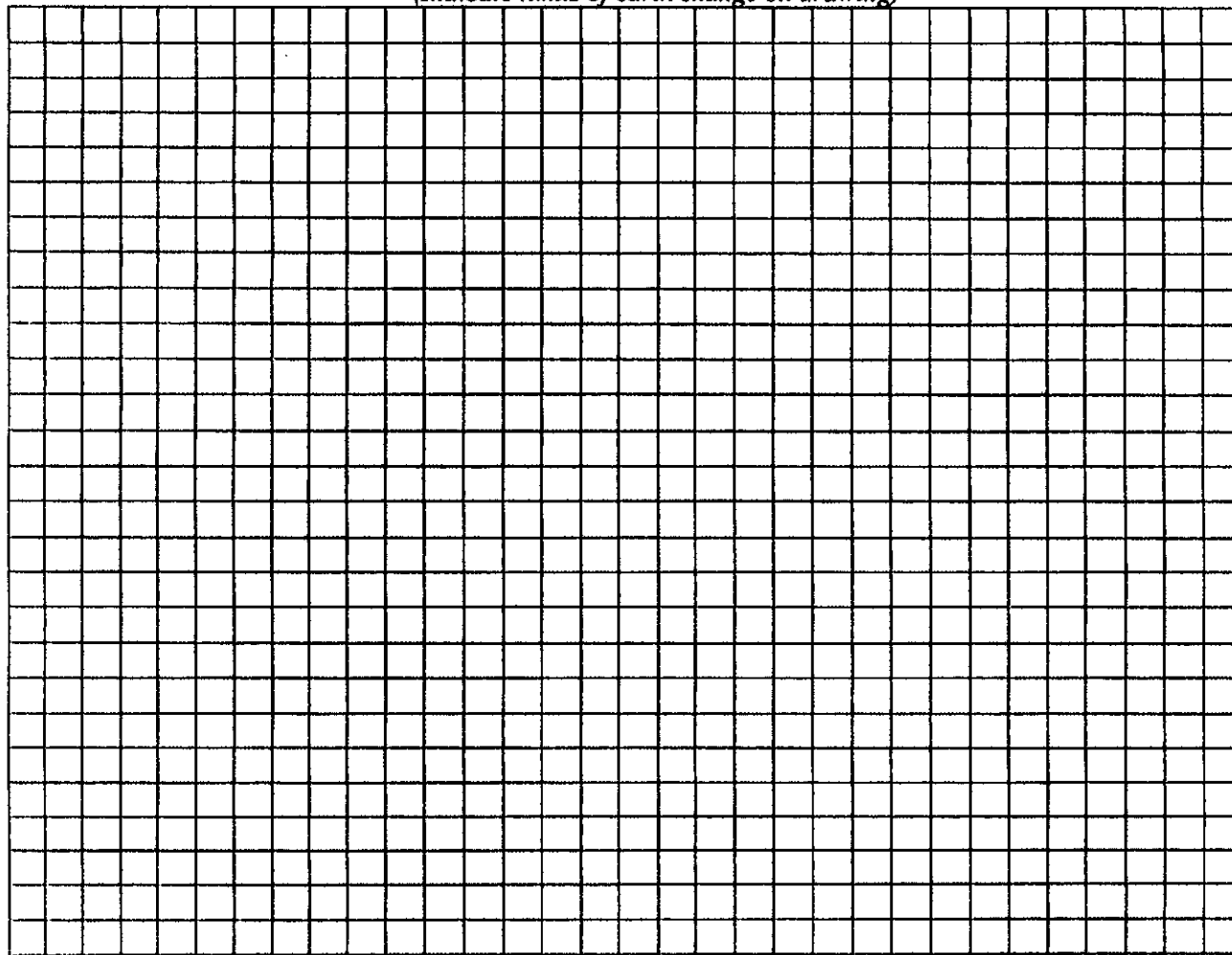
D. Indicate the permanent measures proposed to prevent any sediment from leaving your development After completion. (Final seeding, retaining wall, rock rip-rap, etc.) _____

TOPOGRAPHIC & SITE DEVELOPMENT PLAN

Please draw where house, garage and watercourse is located. Indicate area of disturbance and land contours where possible. Must show proximity of earth change to lakes and streams.

Scale: 1" = _____ Feet (not more than 200 ft. per inch)

(Indicate limits of earth change on drawing)



Indicate the types of soil(s) located at the site of the earth disturbance & the overall description of the area:

Soils

Sandy

Loamy

Clay

Peat/Muck

Gravel

Area

Hills/Banks

Rolling

Flat

Ravine/Gullies

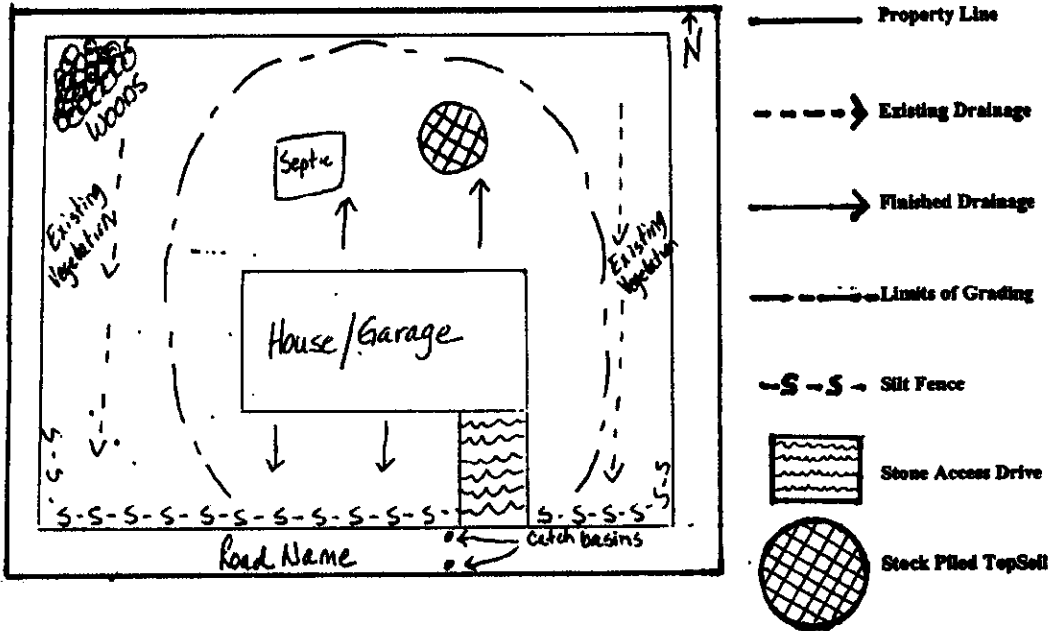
Pasture

Woody

Use arrows to show direction of where water would runoff during a rain event (north, south, east, west)

Also indicate any banks, hills, valleys, ravines, etc. and th proximity to the earth disturbance.

SITE PLAN EXAMPLE



Scale 1 inch = _____ feet

INFORMATION REQUIRED ON YOUR SITE PLAN

1. Show any surface water and notate the distance from the project
2. Land features and existing vegetation
3. Contour and slope descriptions
4. Limits of grading
5. Proposed and existing drainage patterns
6. Drainage facilities, structures (i.e. storm inlets, culverts, catch basins, ditches)
7. Silt fence, stone access drive, tracking mats, etc.
8. North arrow

CONSTRUCTION SCHEDULE SOIL EROSION AND SEDIMENTATION CONTROL

Please indicate by shading the area, under the month in which you will be doing the items listed.

CONSTRUCTION ACTIVITY	JAN.	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Temp. Sediment Controls Before earthwork begins A _____ B _____												
Maintenance of Temp. Controls During Earthwork												
Rough Grade site												
Excavate Footings/ Basment												
Construct Footings/ Basment												
Final Grading												
Installation and Maintenance of Permanent Erosion Control Measures												

Appropriate Boxes To Be Shaded By Applicant
For Approval By Enforcing Agency.

LETTER OF AUTHORIZATION

Property Owner _____

Mailing Address _____

Location address of Project _____

Parcel Number ____ - ____ - ____ - ____

Description of Project _____

As owner of the property described above, I authorize the person indicated below to act on my behalf for the purpose of obtaining a Soil Erosion and Sedimentation permit pursuant to Part 91 of 1994 PA 51, as amended. I grant the Ionia County Building / Soil Erosion Department personnel to enter on my property for the purpose of performing inspections. I assume final responsibility for all earth change work that liability arise from any unlawful earth change will be assessed against me.

Owner signature

Date

Owner Name (print or type)

Authorized agent (print)

Agent phone number

Agent address

Silt Fence Installation

Step One:

Dig A toe-in trench along the line where the silt fence is to be placed. The trench should be a minimum of 6" deep and 6" wide. The excavated material should be placed on the front or upstream side of the trench to facilitate back filling later.

Step Two:

Fence posts should be driven into the back or downstream side of the trench. The posts should be driven so that at least 1/3 of the height of the post is in the ground. When installing a prefabricated silt fence with fabric attached to the posts, the posts should be driven so that at least 6" of fabric will be buried in the ground.

Step Three:

To prevent undermining, the trench should be back filled with the excavated material and tamped so that at least 6" of the fabric is securely toed into the ground.

Step Four:

Silt fence should be checked periodically, especially after rainfall, and excessive build-ups of sediment must be removed so that the silt fence can continue to function as intended. As an alternative, an additional row of silt fence may be installed up-slope from the initial row.

SILT FENCE GEOTEXTILE BURIAL

