

# LAPEER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

Soil Erosion & Sediment Control Program

1800 Imlay City Rd. Lapeer, MI 48446

(810) 667-0392 – Fax # (810) 667-0283

PART 91, SOIL EROSION AND SEDIMENTATION CONTROL OF THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT OF 1994, AS AMENDED, REQUIRES LANDOWNERS TO OBTAIN A PERMIT FOR ALL EARTH CHANGES OR DISTURBANCES ON THEIR PROPERTY THAT EXCEED 1 ACRE OR ARE WITHIN 500 FT OF WATER'S EDGE, INCLUDING WETLANDS. LAPEER COUNTY ORDINANCE REQUIRES PERMIT ISSUANCE BEFORE WORK BEGINS OR FINES MAY BE INCURRED.

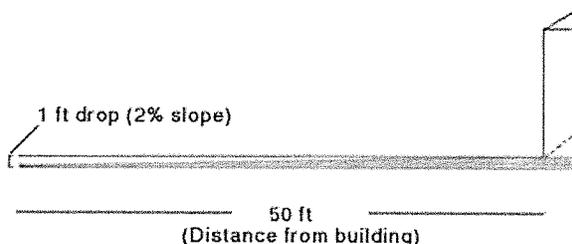
## APPLICATION PROCEDURES for RESIDENTIAL Soil Erosion & Sedimentation Control PERMIT

- Please plan ahead. The permitting process may take up to 30 days with complete information. We strive to have permits issued with in 14 days, with a fully completed application.
- Complete the application form in this packet, attaching the site plan and construction schedule.
- Use the Plan Requirements Checklist [page 5] to assure your site plan is complete. Not including all requirements on the site plan is the most common reason for delay in residential permit issuance. An example site plan is included.
- Fill out the Construction and SESC Measures Installation Schedule [page 4]. An incomplete installation schedule is another common reason for permit delay.
- Submit the application, site plan, and construction schedule to the Lapeer County Health Dept Environmental Health Division with the application fee. Applications are reviewed in the order they are received by the department.

### RESIDENTIAL FEES

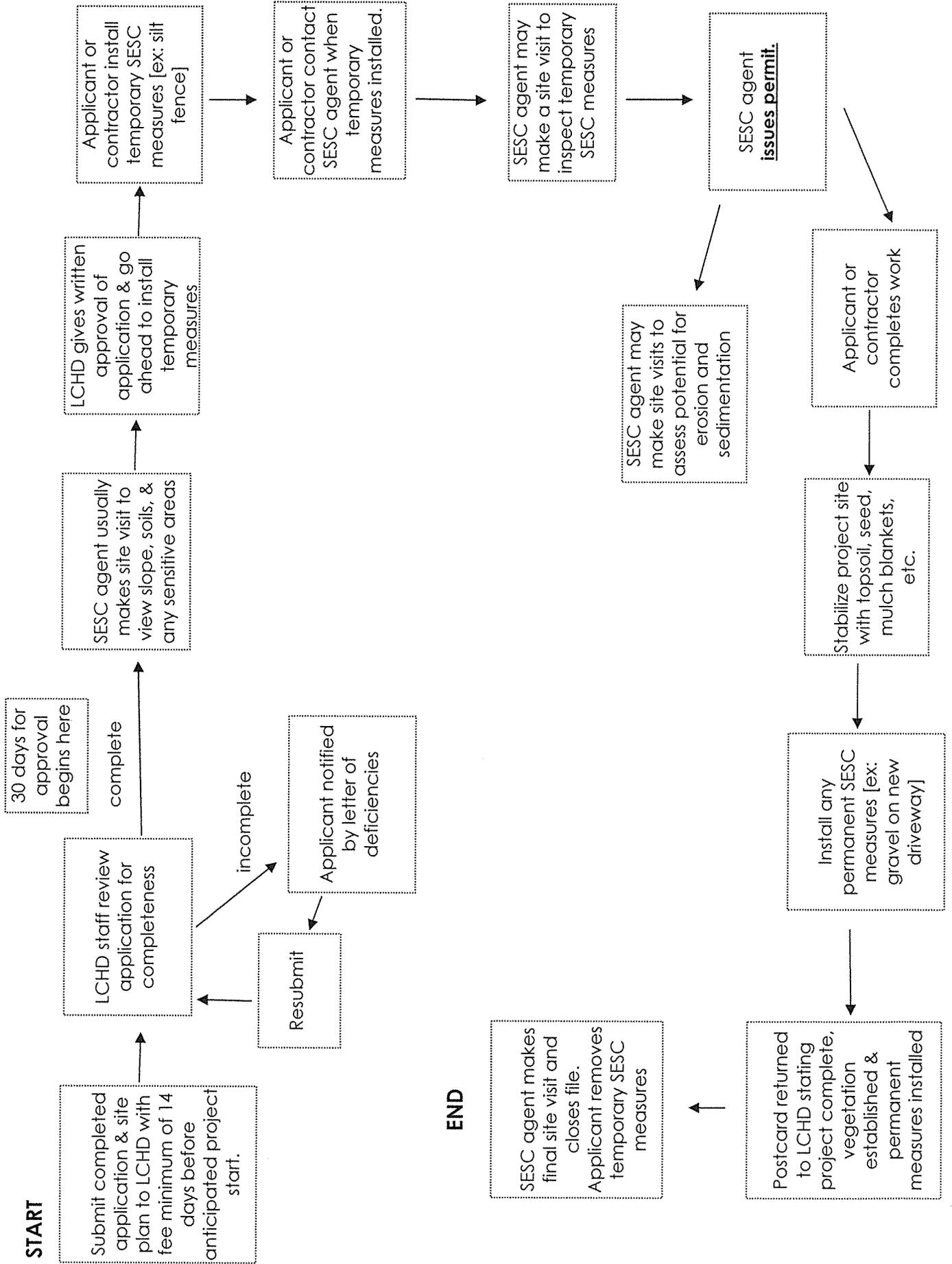
Class	Annual Fee *
Class 2 - Project over an acre & >500 ft from water	\$100.00
Class 3 - Project near water impoundment area	\$150.00
Class 4 - Project near water with < 2% slope	\$200.00
Class 5 - Project near water with > 2% slope	\$250.00

\*Permits are for 1 year. Renewal fee for 6 month extension is 50% of annual fee.



A 2% slope is equal to a 1 ft drop every 50 ft. It appears flat.

# General Process for Residential Projects



# LAPEER COUNTY HEALTH DEPARTMENT RESIDENTIAL PERMIT APPLICATION for SOIL EROSION & SEDIMENTATION CONTROL PROGRAM

Appl # \_\_\_\_\_

Amt rec'd \_\_\_\_\_

Receipt # \_\_\_\_\_

All portions of this application must be filled out to avoid delay of the project.

**1. APPLICANT. CHECK APPLICABLE:**  LANDOWNER  DESIGNATED AGENT\*

Name			
Address			
City	State	Zip	Area Code/Telephone

**2. LOCATION OF PROJECT. – LAPEER COUNTY**

Township	Section	Town	Range	City/Village
Subdivision	Tax ID No.	Lot No.	Street Address	

**3. PROPOSED EARTH CHANGE/DISTURBANCE.**  RESIDENTIAL  MULTI-FAMILY  LAND BALANCING

Describe Project	
Size of Earth Change [Acres or Square Feet]	Name of & Distance to nearest Lake, Stream, Drain, or Distance to Wetland
Projected Start Date	Anticipated Completion Date

**4. SOIL EROSION & SEDIMENTATION CONTROL PLAN. A COMPLETE SITE PLAN MUST BE ATTACHED USING THE PLAN REQUIREMENTS CHECKLIST ON PAGE 5.**

Estimated Cost of Erosion & Sediment Control Measures
Plan Preparer's Name & Telephone Number

**5. PARTIES RESPONSIBLE FOR EARTH CHANGE**

Name of Landowner		Mailing Address	
City	State	Zip	Area Code/Telephone
Name of Individual 'On Site' Responsible for Earth Change		Company Name	
City	State	Zip	Area Code/Telephone

**6. SIGNED AFFIDAVIT.** I [we] affirm the above information is accurate and I [we] will conduct the above described earth change in accordance with Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, 1994, PA 451 as amended, applicable local ordinances, and the documents accompanying this application.

Landowner's Signature	Printed Name	Date
Designated Agent's Signature*	Printed Name	Date

\* Designated Agent must have a written statement from landowner authorizing him/her to secure a permit in the landowner's name.

## TIMETABLE

### CONSTRUCTION AND SOIL EROSION MEASURES INSTALLATION SCHEDULE

Proposed Beginning Date: \_\_\_\_\_ End Date: \_\_\_\_\_

Mark an 'X' for each week or month an activity will take place. Circle here: Week or Month.

ACTIVITY	W/Mo 1	W/Mo 2	W/M 3 o	W/M 4	W/Mo 5	W/Mo 6	W/Mo 7	W/Mo 8	W/Mo 9
Identify the Earth Change/Disturbance area by staking or other visual marking.	<b>X</b>								
Protect Buffer Areas. [Area between the earth disturbance and any waterway, ditch or wetland.]									
Install Temporary SESC measures such as a. Perimeter Silt Fence b. Inlet Protection c. _____									
Strip and Protect Topsoil for reuse.									
Rough Grade									
Excavate & Construct Footings									
Construct the Structure									
Final Grade									
Stabilization. Ex: Spread Topsoil, Seed and Mulch.									
Install Permanent SESC Measures, such as a. _____ b. _____									
Return postcard to LCHD stating project complete & permanent SESC measures installed.									
Remove Temporary SESC Measures after site is stabilized. [Vegetation is growing, aggregate installed, etc.]									

# PLAN REQUIREMENTS CHECKLIST

## Residential Site Plan

Please read this checklist before completing scaled project drawing/site plan

Certain information is essential to residential building [earth disturbance] projects so they do not increase soil erosion and sedimentation in Lapeer County's waterways and wetlands. Rules 1703 and 1706 describe requirements for site plans and controls for erosion and sedimentation. This checklist gives details to help applicants meet requirements and think through a solid soil erosion and sedimentation control plan.

There are several web-based map applications that may help to build a site plan: Google Earth, [www.earth.google.com](http://www.earth.google.com), [www.flashearth.com](http://www.flashearth.com), Michigan Department of Environmental Quality's Environmental Mapper, found at [www.mcgi.state.mi.us/environmentalmapper/](http://www.mcgi.state.mi.us/environmentalmapper/) and the Natural Resources Conservation Service's Web Soil Survey found at [www.websoilsurvey.nrcs.usda.gov](http://www.websoilsurvey.nrcs.usda.gov).

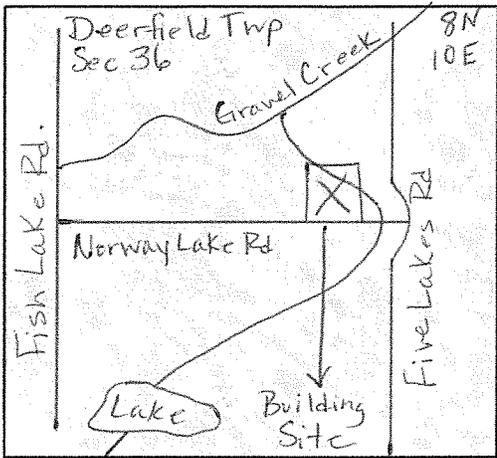
◆SITE LOCATION SKETCH. This is a map showing township name, section number, town and range if property does not have a street address. Include street address if known, cross roads and designate north on the map.

◆A SCALED SITE PLAN OF THE PROJECT. The site plan must be to scale and not more than 200 feet per inch. This drawing will show all the details of the project. An example is drawn and labeled on page 6. THE SITE PLAN MUST INCLUDE:

1. All buildings and proposed buildings, barns, sheds or decks.
2. Draw and label driveway, access roads, septic field and wells on property.
3. Mark the area of the earth change project in feet on the drawing. Include removing natural ground cover or cutting of hills to level land, any stock piles of soil and areas to be graded.
4. Distances in feet to all surface bodies of water and drainage areas including lakes, ponds, streams, creeks, county drains, storm drains and wetlands.
5. The slope of the land must be marked on the site plan. Show existing land slope and any changes to slope proposed for the project. Mark as a ratio or a percentage. Contour maps may also be used.
6. Note the type of soils in the project area. [Sand, clay, loam, mucky, etc.]
7. Predominant land features should be noted on the drawing: hills, flat areas, large boulders, forested areas, valleys, grassed areas, etc.
8. Draw on the site plan where temporary soil erosion and sedimentation controls will be installed and label what they are, i.e.: silt fence, temporary berm, silt sack protecting storm drain, etc.
9. Stabilization measures should be noted when final grade is achieved and project completed. [Topsoil and seeding.]
10. List what Permanent SESC Measures will be installed after project completion to inhibit soil erosion on site. Examples: Place and tack sod sections over disturbed area. OR- cover drive way in gravel.
11. Fill in the chart on the back side of the residential permit application with the TIMETABLE of CONSTRUCTION AND SOIL EROSION MEASURES SCHEDULE for the project. [Page 4]

A drawing sheet has been provided with this application packet. [Page 7].

Site Location Sketch



PROJECT SITE PLAN

Address/Road: 2901 Norway Lake Rd.

Scale of Drawing: 200 ft = 3 inches



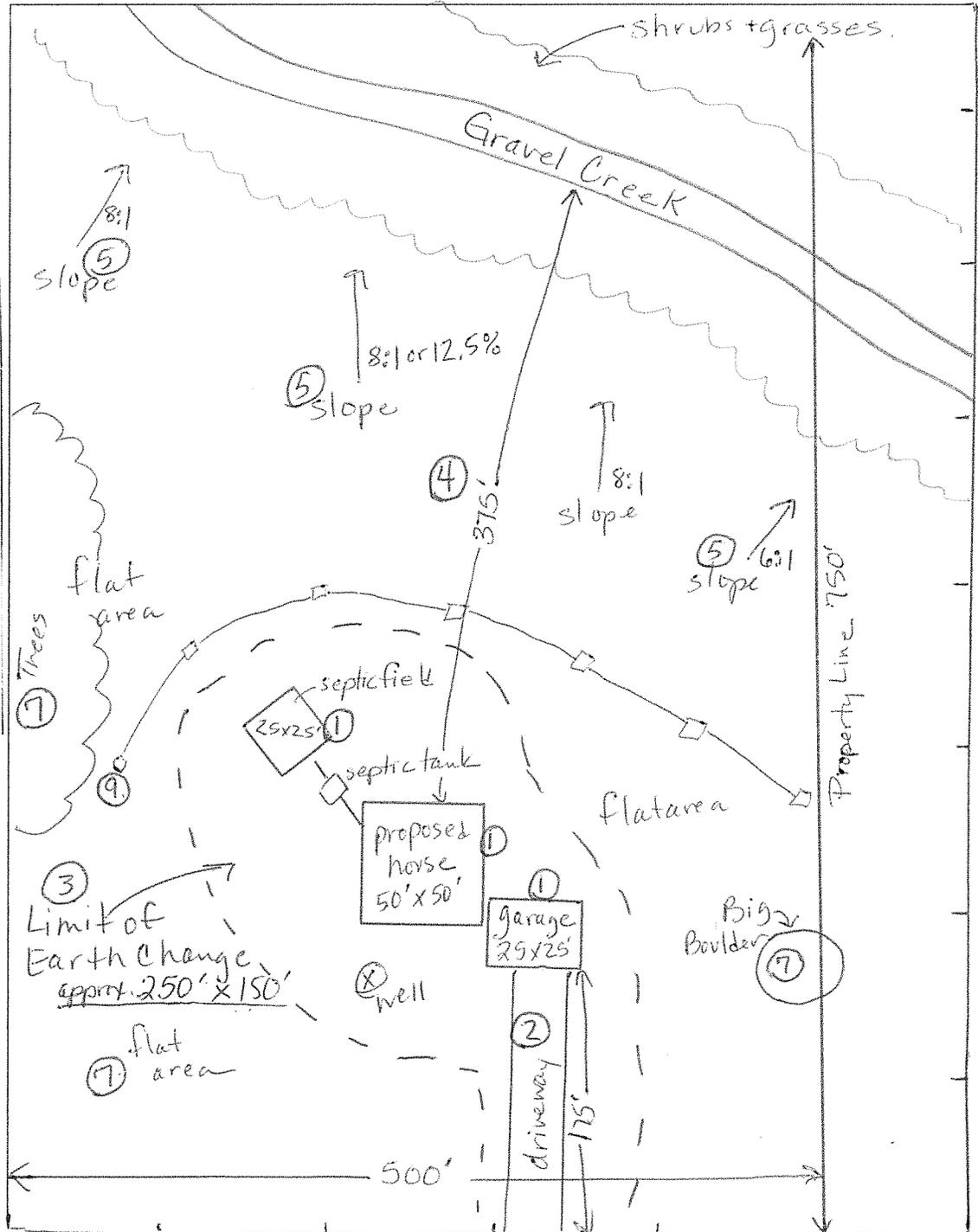
6. Soils: clay, loam

8. Temporary SESC Measures:

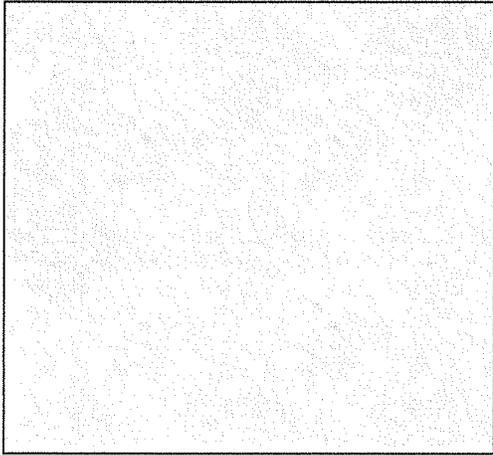
Silt Fence - to surround worksite near stream  
Other

9. Stabilization:  
topsoil + grass seed

10. Permanent SESC Measures:  
gravel on driveway.



Site Location Sketch



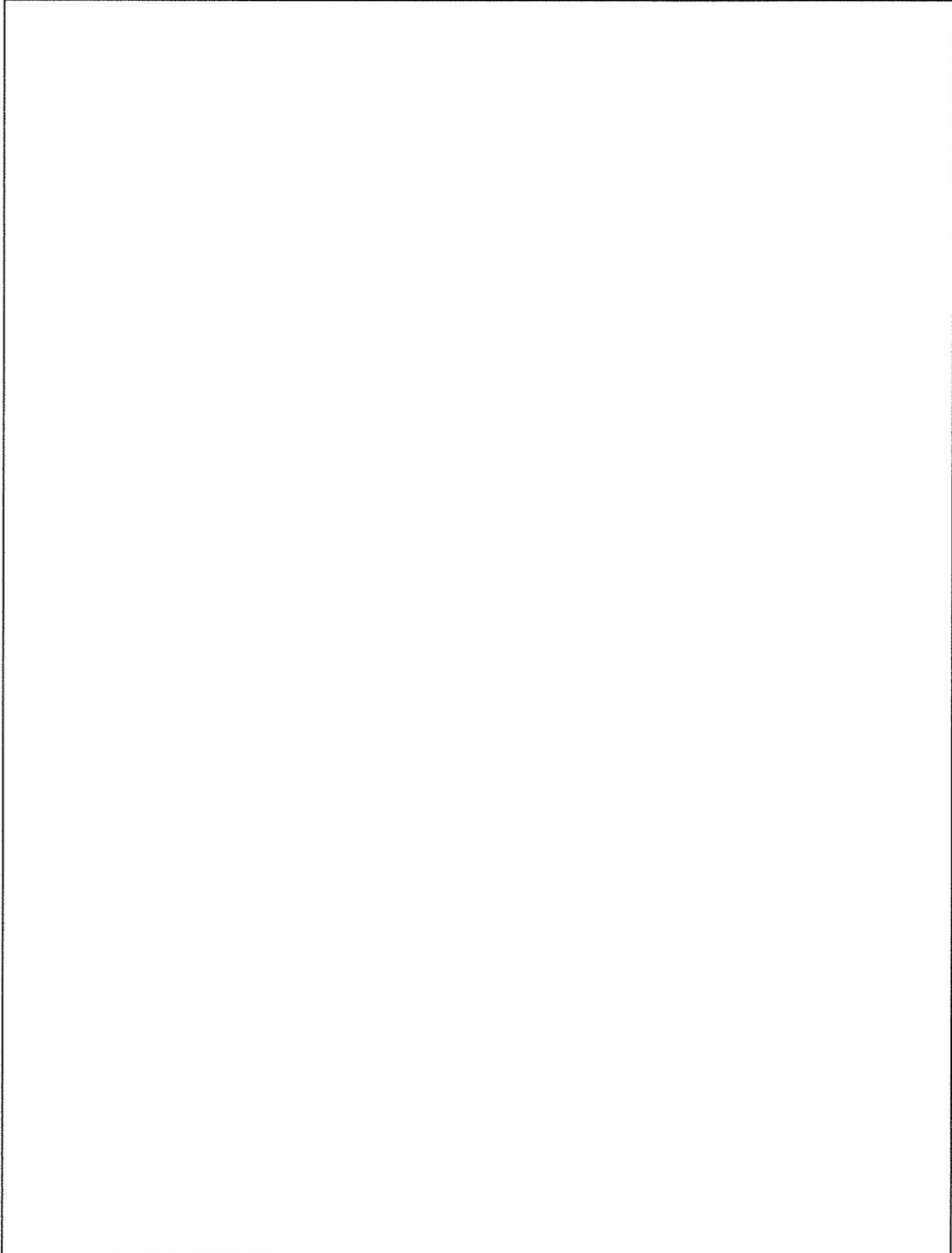
**PROJECT SITE PLAN**

Address/Road: \_\_\_\_\_

Scale of Drawing: 200 ft = \_\_\_\_\_



**North**



6. Soils:

8. Temporary SESC Measures:

Silt Fence

Other

9. Stabilization:

10. Permanent SESC Measures: