OSCEOLA COUNTY SOIL EROSION AND SEDIMENTATION CONTROL

PERMIT

Under the Soil Erosion and Sedimentation Control Act 347

Permit Number: 369

Date Issued: September 28, 1987

Expiration Date: October 28, 1987

Under the provisions of Act 347, P. A. 1972, authority is hereby granted to:

Robert L. Olson
Hogback Lake Property Owners Association
Post Office Box 90
LeRoy, Michigan 49655

in OSCEOLA County. (Section 19 T19N R9 W.

Sub. THE RETREAT Lot Number(s) Part of Lots 49 and 56.

Work to be done under authority of this permit is subject to the following special restrictions, limitations, and instructions.

WORK INSTRUCTIONS ATTACHED.

Charles Hartman

Charles Hartman, Enforcing Officer for Soil Erosion and Sedimentation Control in Osceola County.

This instrument does not convey property rights in either real estate nor material nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits, or complying with other applicable state statutes.

This permit shall be kept at the site of the work and available for inspection at all time during the duration of the project or until date of expiration.

All work shall be completed in accordance with the plans and specifications submitted and attached hereto.

This permit does not prejudice or limit the right of a land owner to institute proceedings in any circuit court of this State against any person when necessary to protect his rights.
The work specified herein shall be initiated and completed not later than

_____, date of expiration.

EARTH CHANGE REQUIREMENTS

1. All earth changes shall be designed, constructed, and completed in such a manner which shall limit the exposed area of any disturbed land for the shortest possible period of time.

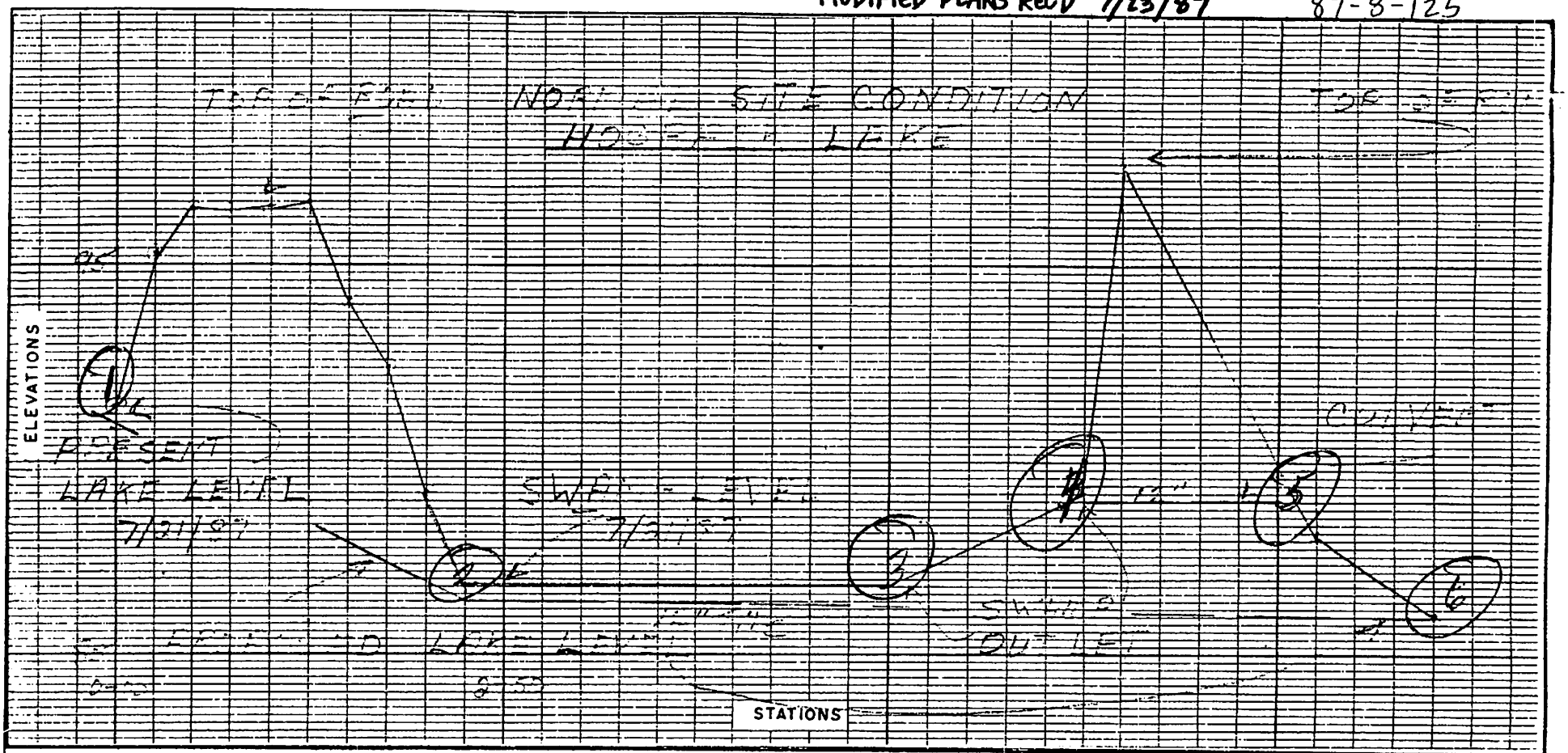
2. Sediment caused by accelerated soil erosion shall be removed from run-off water before it leaves the site of the earth change.

3. Any temporary or permanent facility designed and constructed for the conveyance of water around, through or from the earth change area shall be designed to limit the water flow to a non-erosive velocity.

4. Temporary soil erosion control facilities shall be removed and earth change areas graded and stabilized with permanent soil erosion control measures pursuant to approved standards and specifications.

5. Permanent soil erosion control measured for all slopes, channels, ditches or any disturbed land area shall be completed within 15 calendar days after final grading or the final earth change has been completed. When it is not possible to permanently stabilize a disturbed area after an earth change has been completed or where significant earth change activity ceased, temporary soil erosion control measures shall be implemented within 30 calendar days. All temporary soil erosion control measures shall be maintained until permanent soil erosion control measures are implemented.

MODIFIED PLANS REC'D 7/23/87 87-8-125



DESIGN DETAILS

LINE	STATIONS	DRAIN AREA	DITCH DIMENSIONS				TILE SIZE	GRADE	DRAIN COEF. OR CURVE	VELOCITY	CAPACITY	
			DEPTH	TOP	BOTTOM	SIDE SLOPE					REQ'D	AVAIL.
		ACRES	FEET	FEET	FEET		INCHES	%		Ft/Sec.	c.f.s.	c.f.s
1	Control	Gate	protected	with	Stone	material,						
2	Rip Rap	with	Stone	and	sand.	Mulch	open	soil is				
3	"	"										
4	"	"										
5	"	"										
6	"	"										

REGULAR INSPECTION OF THE DRAIN SYSTEM IS ESSENTIAL. PROMPT REPAIR OF ANY FAILURE WILL KEEP THE SYSTEM IN WORKING ORDER AND MAINTENANCE COSTS LOW.

Bench Mark Description:

Materials:
Swith Road. graded to 3. and Rip Rapped with Stone, and open sand seeded and mulched.

USE THIS SHEET FOR MINOR JOBS ONLY