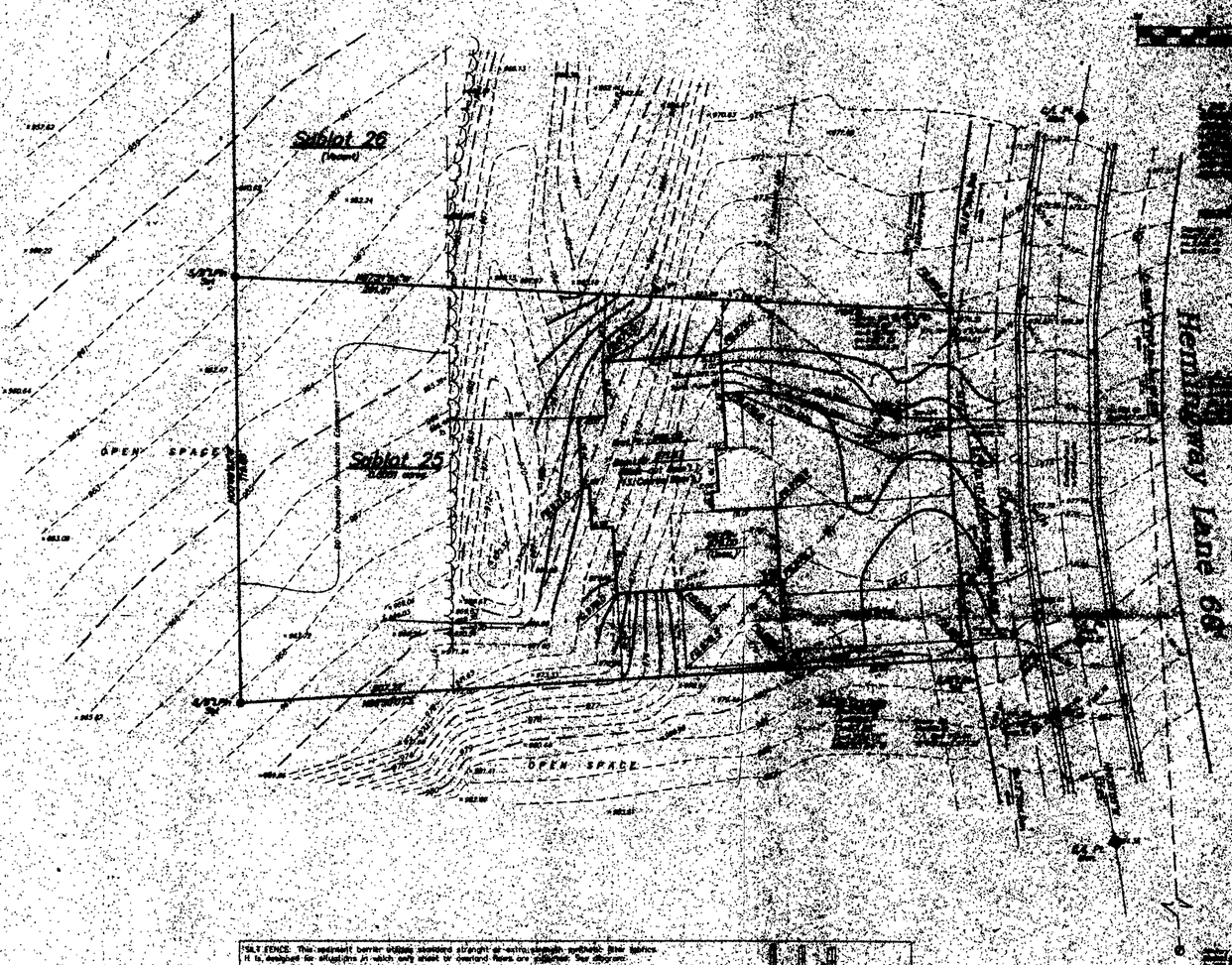
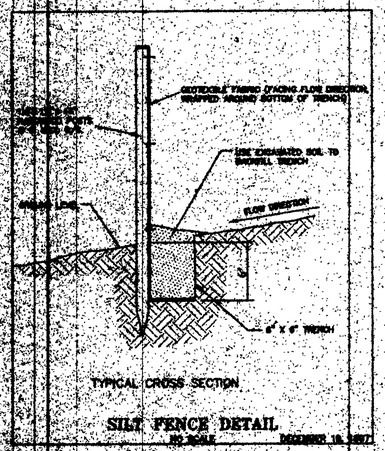




TYPICAL CROSS SECTION

SILT FENCE DETAIL

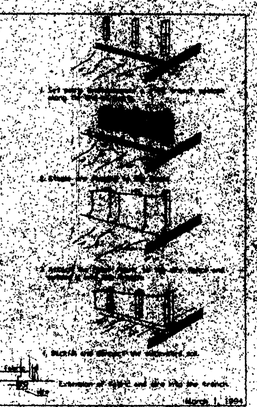
NO SCALE DECEMBER 18, 1997

SILT FENCE. This approved barrier includes standard strength or extra-strength synthetic filter fabrics. It is designed for situations in which only sheet or overland flows are expected. The approved...

1. The height of a silt fence shall not exceed 36 inches (higher fences may impound volumes of water sufficient to cause failure of the structure.)
2. The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and securely sealed.
3. Posts shall consist of wooden stakes of 1½ inch square or greater cross-section, or steel standards, each five (5) feet (minimum of 4½ feet) long of sufficient strength to support unbacked the silt fence when loaded laterally and not leaning to one side.
4. A trench shall be excavated approximately 4 inches wide and 4 inches deep along the line of posts and upslope from the barrier.
5. When standard strength filter cloth is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy duty wire staples or tie wires. The wire fence shall extend into the trench a minimum of 2 inches and shall not extend more than 36 inches above the original ground surface.
6. The standard strength filter cloth shall be fastened securely to the upslope side of the posts using staples, tacks, or wire. It shall extend into the trench. The filter cloth shall not extend more than 36 inches above the original ground surface. Filter cloth shall not be stapled to existing trees.
7. Where extra-strength filter fabric and closer post spacing are required, a wire mesh support fence may be eliminated. In such case, the filter cloth is stapled directly to the posts. All other provisions of item No. 6 apply.
8. The trench shall be backfilled and compacted over the filter cloth.
9. The silt fence shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized.

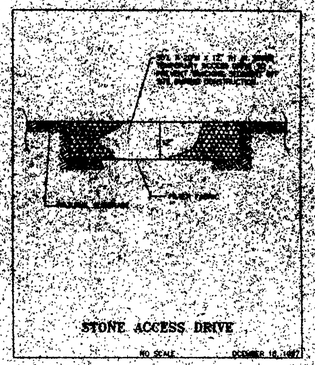
MAINTENANCE

10. Silt fences shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
11. Should the fabric on a silt fence decompose or become ineffective prior to the end of the expected usable life and the barrier is still necessary, the fabric shall be replaced promptly.
12. Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.
13. Any sediment deposits remaining in place after the silt fence is no longer required shall be dressed to conform with the existing grade, prepared and seeded.



SILT FENCE

NO SCALE March 1, 1994



STONE ACCESS DRIVE

NO SCALE DECEMBER 18, 1997

Grading Plan Approved
as shown and noted
JAMES R. GELB, P.E.
Lake County Engineer
By _____ Date 7/15/98

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

EXISTING UTILITY LOCATIONS
THE ELECTRICAL, GAS, TELEPHONE, AND SERVICE LINES OF THE UNDERGROUND UTILITIES SHOWN HEREON WERE OBTAINED BY A COMBINATION OF AVAILABLE RECORDS AND FIELD INSPECTION. BY FIELD OBSERVATION ONLY, SOME CONCEALED WHERE PRACTICAL, HOWEVER, LAKE ENG. ASSOC. INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

PULTE HOMES