SOIL PROTECTION CHART

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
[illegible]												
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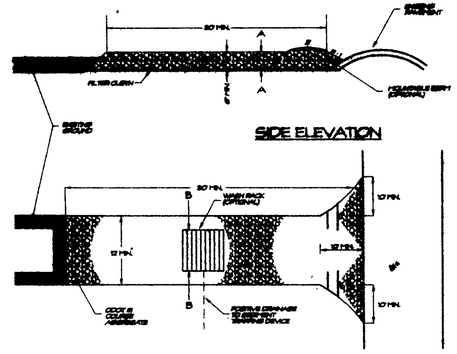
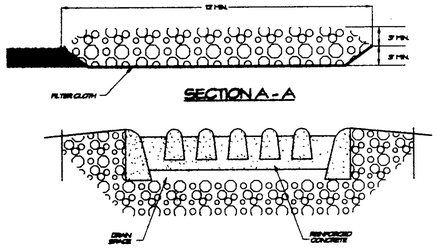
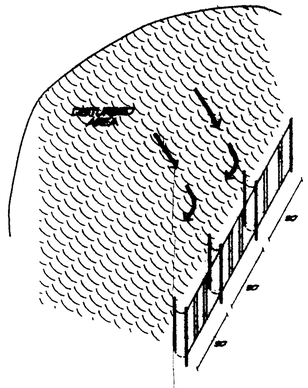
A. [illegible]
B. [illegible]
C. [illegible]
D. [illegible]
E. [illegible]
F. [illegible]





STONE CONSTRUCTION ENTRANCE

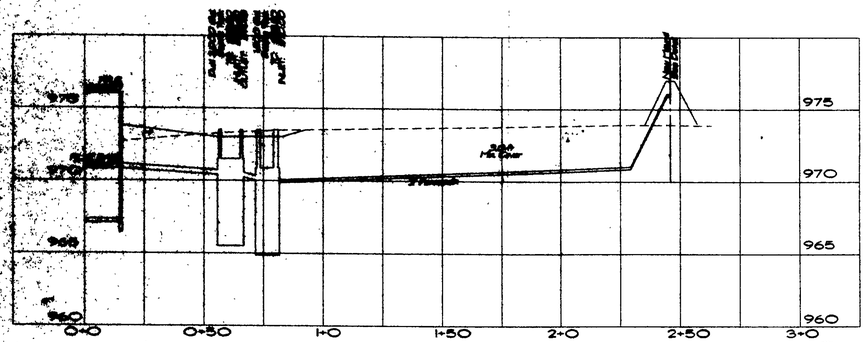
NOT TO SCALE



INSTALLATION OF SILT FENCE LENGTHS

NOT TO SCALE

Grading Plan Approved as shown and/or noted
JAMES R. GILLS, P.E.
Lake County Engineer
By _____ Date 1/3/07



HYDRAULIC PROFILE

HORZ: 1 = 50
VERT: 1 = 5'

General Notes:

Preexisting vegetation shall be retained on site portions of the building lot for as long as construction operations allow. Clearing shall be done as only active working areas are bare.

Temporary seed (annual rye, oats, etc.) and/or mulch shall be applied to areas, such as stockpiles, that are bare and not actively being worked. This shall apply to areas that will not be reworked for 14 days or more. Areas adjacent to wetlands and streams shall have temporary seed applied to areas that will not be reworked for 2 days or more.

Stockpiles excavated from basements shall be situated away from streets, swales, or other waterways and shall be seeded and/or mulched.

Silt fence shall control sheet flow runoff from the building lot. It shall not be constructed in channels or areas of concentrated flow. Other sediment controls such as inlet protection and sediment traps shall also be used as needed to control sediment runoff.

Construction vehicle access shall be limited to one route, to the greatest extent practical. The access shall be gravel or crushed rock applied to the driveway area.

Mud tracked onto the street or sediment settled around curb inlet protection shall be removed daily or as needed to prevent it from accumulating. It shall be removed by shoveling and sweeping and shall NOT be washed off paved surfaces or into storm drains.

SILT FENCE

Prior to beginning topsoil removal operations, the Contractor shall install silt fencing where indicated on the plans. Silt fencing shall be extra strength synthetic filter fabric having a minimum flow rate of 0.3 gal/sq.ft./minute and shall contain ultraviolet ray inhibitors and stabilizers to provide a minimum of six (6) months of expected usable construction life at a temperature range of 0 deg. F. to 120 deg. F.

Stakes for filter barriers shall be 2" x 2" wood or 1.33 lbs. per lin.ft. steel with a minimum length of three (3) feet and shall be set at a maximum spacing of ten (10) feet. Height of silt fence shall not exceed thirty-six (36) inches. Filter fabric shall be anchored into a four (4) inch deep trench on the upslope side of the barrier.

Silt fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized. Silt fences and filter barriers shall be inspected immediately after each rainfall and daily during prolonged rainfall. Any required repairs shall be made immediately.

Should the fabric on a silt fence or filter barrier decompose or become ineffective prior to the completion of permanent stabilization of the area upslope of the filter, the fabric shall be replaced promptly at the Contractor's expense.

Sediment deposits should be removed when deposits reach approximately one-half the height of the barrier. Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall be dressed to conform with the existing grade, prepared, seeded and mulched.

SILT FENCE SHALL BE EXTRA STRENGTH SYNTHETIC FILTER FABRIC HAVING A MINIMUM FLOW RATE OF 0.3 GAL/SQ.FT./MIN. AND ALL SUCH FABRIC SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF SIX (6) MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0 DEG. F. TO 120 DEG. F.

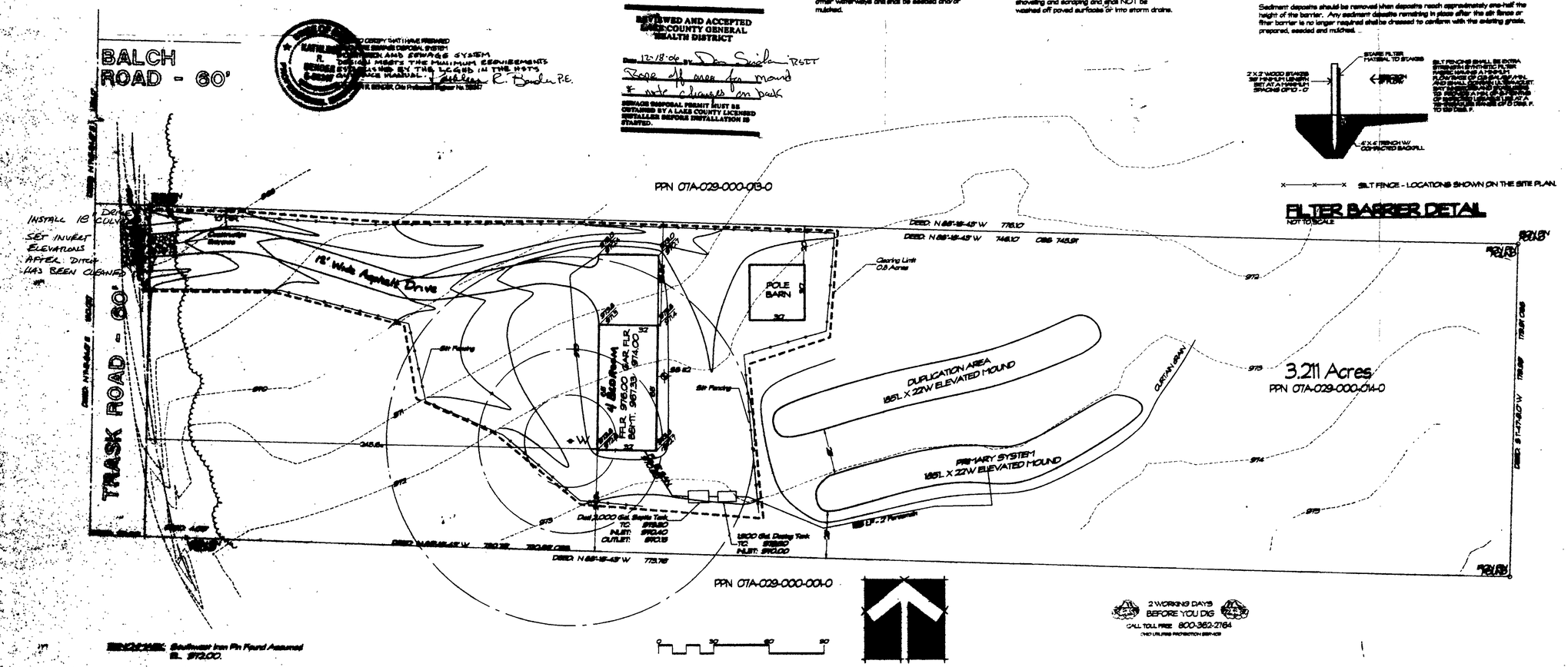
X——X——X SILT FENCE - LOCATIONS SHOWN ON THE SITE PLAN.

FILTER BARRIER DETAIL

NOT TO SCALE

REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL HEALTH DISTRICT
Date 12-18-06 By Don Sicilian REHS
Scope of work for mound + site changes on back
SEWAGE DISPOSAL PERMIT MUST BE OBTAINED BY A LAKE COUNTY LICENSED INSTALLER BEFORE INSTALLATION IS STARTED.

I HEREBY CERTIFY THAT I HAVE REVIEWED THE PROPOSED SEWAGE DISPOSAL SYSTEM FOR THE TOMLINSON AND SEWAGE SYSTEM DESIGN HAS MET THE MINIMUM REQUIREMENTS OF THE LAKE COUNTY HEALTH DEPARTMENT AS SET FORTH IN THE LEGEND IN THE HOTS SEWAGE DISPOSAL SERVICE MANUAL.
Jeffrey R. Bender P.E.
JEFFREY R. BENDER, Ohio Professional Engineer No. 55807



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

ISSUED FOR BIDDING		
	DATE	BY

ADDENDA REVISIONS		
NO.	DATE	BY

ISSUED FOR CONSTRUCTION	
DATE	BY

REVISIONS			
NO.	DESCRIPTION	DATE	BY

TOPOGRAPHIC SURVEY & SITE IMPROVEMENT PLAN FOR

TOMLINSON FAMILY RESIDENCE

TRASK ROAD, LEROY TOWNSHIP
LAKE COUNTY, OHIO

LEDMAN, BENDER & ASSOCIATES
Engineers - Surveyors - Planners
[illegible]
Phone: [illegible]

I HEREBY CERTIFY THAT, AT THE REQUEST OF THE OWNER, I HAVE PREPARED THIS TOPOGRAPHICAL SURVEY AS SHOWN HEREON. TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE TOPOGRAPHY WAS FOUND AS NOTED HEREON. THE TOPOGRAPHY WAS FOUND BY FIELD SURVEYING AND BY PHOTOGRAMMETRY WITH FIELD VERIFICATION. ALL FOUND IRON PINS WERE SET AS NOTED, ALL OF WHICH I CERTIFY TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
JEFFREY R. BENDER, Ohio Professional Surveyor No. 7036

DATE	1/06/06	DRAWN BY:	MWB
CHECKED BY:	MWB	JOB NO.:	06-288
SCALE	AS NOTED		

SHEET TITLE: FAMILY RESIDENCE
TOMLINSON

SP-1