Erosion and Sediment Control Schedule

General
Any sediment-laden groundwater encountered during construction shall be treated prior to discharge.

Ingress-Egress
A stone access drive complete with under lying geo-textilefabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed if there is not already an existing access drive. This drive shall be the only entrance and exit to the site.

Silt Fence
All silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

Temporary Seeding
Disturbed areas of the site that are to remain idle for more than thirty (30) days shall be properly seeded and straw mulched within seven (7) days of completion of initial grading. Temporary seeding and mulching of a thirty (30) foot strip of the entire front of the lot shall be maintained on the site once initial grading is complete.

Stabilization of critical areas within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance if the site is to remain inactive for longer than fourteen (14) days.

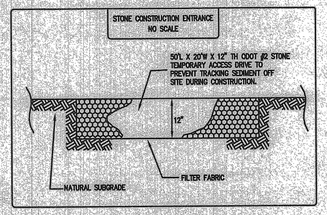
Mulching
Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty (30) feet of the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

Maintenance
Erosion and sediment controls shall be inspected every seven (7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.

Note:
All erosion and sediment control specifications, applications, and timetables are based on the descriptions and standards of The Ohio Department of Natural Resources Rainwater and Land Development Manual".

The specified erosion and sediment control standards are the general guidelines and shall not limit the right of the county to impose, at any time, additional, more stringent requirements. Nor shall the standards limit the right of the county to waive, in writing, individual requirements.

STONE CONSTRUCTION ENTRANCE
NO SCALE

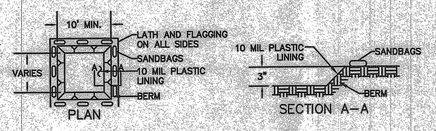


TEMPORARY CONCRETE WASHOUT FACILITY (TYPE BELOW GRADE)
NOT TO SCALE

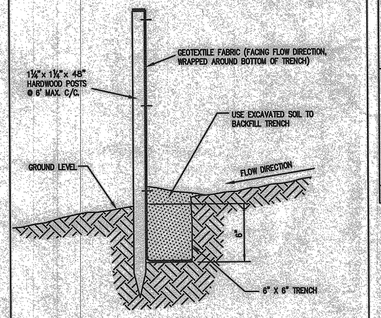
TEMPORARY CONCRETE WASHOUT FACILITIES (TYPE BELOW GRADE) SHOULD BE CONSTRUCTED AS SHOWN ON THE DETAIL WITH A RECOMMENDED MINIMUM LENGTH AND MINIMUM WIDTH OF 10 FEET. THE QUANTITY AND VOLUME SHOULD BE SUFFICIENT TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.

LATH AND FLAGGING SHOULD BE COMMERCIAL TYPE.

PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR THERE DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.



SILT FENCE DETAIL
NO SCALE
September 19, 2003



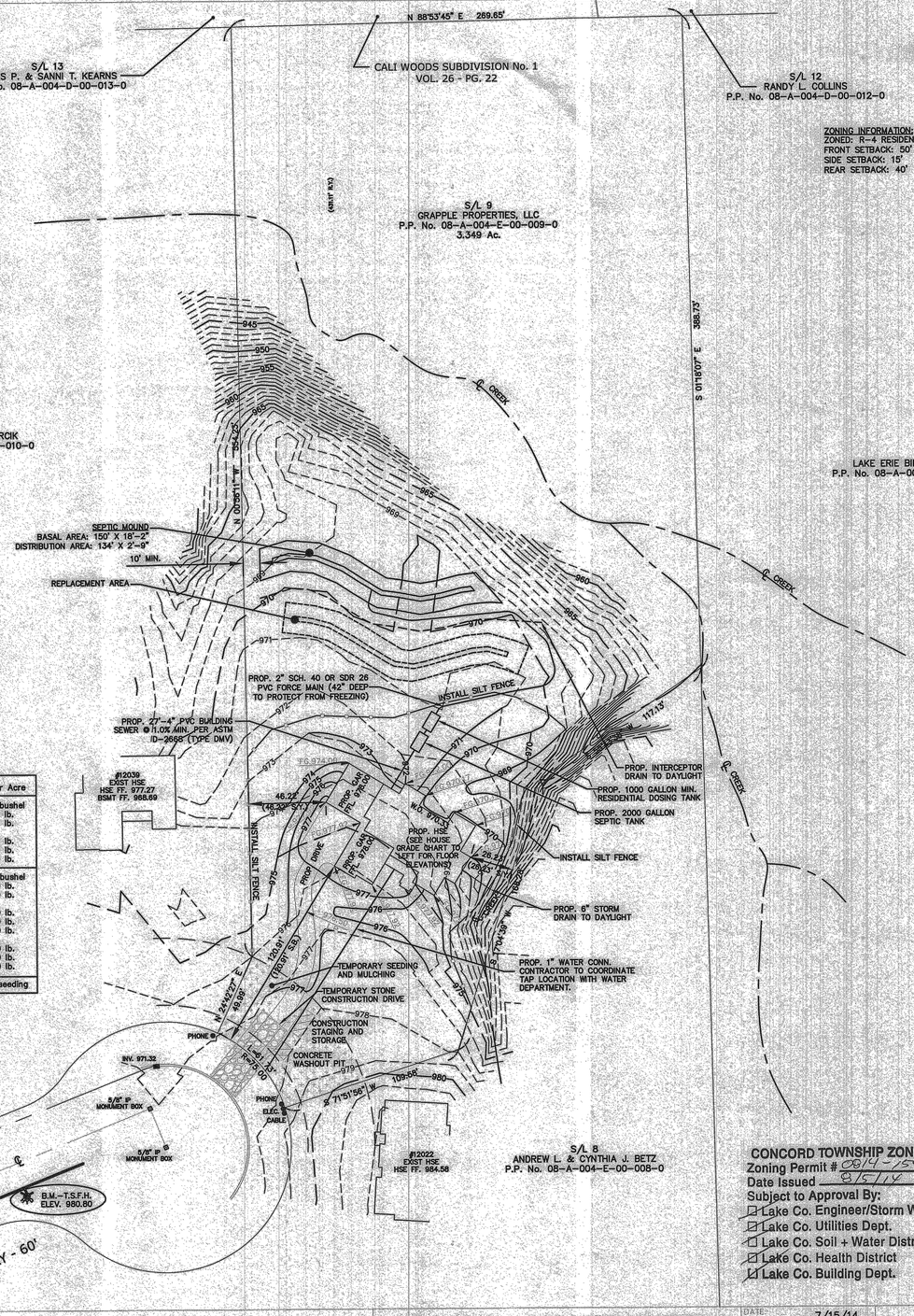
TYPICAL CROSS SECTION

\STORM & EROSION DETAILS\SILT FENCE DETAIL

Temporary Seeding Specifications

Seeding Dates	Species	Lb. / 1000sqft	Per Acre
March 1 to August 15	Oats	3	4 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
August 16 to November 1	Rye	1	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Wheat	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
November 1 to Spring Seeding	Use mulch only, sodding practices or dormant seeding		

Note: other approved seed species may be substituted.



GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

SHEET / OF

ZONING INFORMATION:
ZONED: R-4 RESIDENTIAL
FRONT SETBACK: 50'
SIDE SETBACK: 15'
REAR SETBACK: 40'

PROPOSE FLOOR GRADE SUMMARY
GRAGE FLR. = 978.00
TOP WALL = 979.00
FIN. FLR. = 980.00
BSMT. FLR. = 970.33
TOP FTR. = 970.00
(9' BSMT. WALL)

GRADING NOTES:
-FILL REQUIRED IN "BACK" GARAGE MAY BE SUBSTANTIONL.

-EX. GROUND GRADE AT ALKOUT IS 2'± ABOVE FLOOR AND WILL NEED TO BE EXCAVATED.

NOTE: ALL IRON PINS SET ARE 5/8" X 30" REBAR CAPPED "BABCOCK #6528"

NOTES:
- DOWNSPOUTS TO BE SPLASH BLOCKED AND FOOTER DRAINS TO DAYLIGHT TO EX. DITCH/CREEK (SEE PLAN)
-GRINDER PUMP REQUIRED FOR BASEMENT PLUMBING

LAKE ERIE BIBLE CHURCH
P.P. No. 08-A-004-D-00-014-0

PERMANENT SEEDING SPECIFICATIONS

Seed Mix	lb./ac.	lb. / 1000sqft	Notes:
General Use			
Creeping Red Fescue	20-40	1/2-1	
Domestic Ryegrass	10-20	1/4-1/2	
Kentucky Bluegrass	10-20	1/4-1/2	
Tall Fescue	40	1	
Dwarf Fescue	40	1	
Steep Banks or Cut Slopes			
Tall Fescue	40	1	
Crown Vetch	10	1/4	Do not seed later than August.
Tall Fescue	20	1/2	
Flat Pea	20	1/2	Do not seed later than August.
Tall Fescue	20	1/2	
Road Ditches and Swales			
Tall Fescue	40	1	
Dwarf Fescue	90	2 1/4	
Kentucky Bluegrass	5		
Lawns			
Kentucky Bluegrass	60	1 1/2	
Perennial Ryegrass	60	1 1/2	
Kentucky Bluegrass	60	1 1/2	For Shaded areas.
Creeping Red Fescue	60	1 1/2	

Note: other approved seed species may be substituted.

Mulching

Straw mulch shall be unrotted small-grain straw applied at the rate of 2 tons/ac. or 90 lb./1,000 sq. ft. (two to three bales). The mulch shall be spread uniformly by hand or mechanically so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000 sq. ft. sections and spread two 45-lb. bales of straw in each section.

SEPTIC DESIGN DATA:
-Linear Loading Rate =2.7 Gal/Day/Ft
-Infiltration Loading Rate = 0.6 Gal/Day/Ft.Sq'd.
-Perched Seasonal Water Table 10"
-Bedrock >60"
-3 Bedroom House = 360 Gal/Day
-(See Mound Calculations For Additional Information)

I, WILLIAM C. BABCOCK P.S. #6528, DO HEREBY CERTIFY THAT THE SURVEY PERFORMED IS PERSUANT TO THE STATE OF OHIO ADMINISTRATIVE CODE STANDARDS SET FORTH AS PER ARTICLE NUMBER 4733-37.

WILLIAM C. BABCOCK, P.S. #6528 DATE: 7/21/14

STATE OF OHIO ★ WILLIAM C. BABCOCK S-6528 REGISTERED PROFESSIONAL SURVEYOR ★

CONCORD TOWNSHIP ZONING OFFICE
Zoning Permit # 08/4-15424
Date Issued 8/5/14
Subject to Approval By:
☑ Lake Co. Engineer/Storm Water Mgmt.
☑ Lake Co. Utilities Dept.
☐ Lake Co. Soil + Water District
☐ Lake Co. Health District
☑ Lake Co. Building Dept.

EXISTING UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL, HOWEVER, BABCOCK LAND SURVEYORS DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

STATE OF OHIO ★ WILLIAM C. BABCOCK S-6528 REGISTERED PROFESSIONAL SURVEYOR ★

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By JRG Date 8/11/14

CONSIDER LINING EXISTING CREEK SLOPES WITH ROCK CHANNEL PROTECTION.

REV NO.	DESCRIPTION	DATE	BY	CHK'D

BABCOCK LAND SURVEYORS
SURVEYORS & LAND PLANNERS
PAINESVILLE OHIO 44077
babcocklandsurveyors@yahoo.com

DATE:	7/15/14
DESIGN BY:	W.B.
DRAWN BY:	B.P.
APPROVED BY:	W.B.
CREW CHIEF	R.B.

TOPOGRAPHICAL SURVEY
FOR
SCOTT HIVNOR
S/L 9 - WOODCREST SUBDIVISION
P.P. No. 08-A-004-E-00-009-0
EASTHILL WAY
CONCORD TOWNSHIP LAKE COUNTY STATE OF OHIO

SCALE: 1"=40'
JOB No. 14-03
SHEET 1 OF 2