

Erosion and Sediment Control Schedule

Ingress-Egress

A stone access drive complete with under lying geo-textile fabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed. 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" and can be found in the Lake County Erosion and Sediment Control Rules as adopted December 21, 1999.

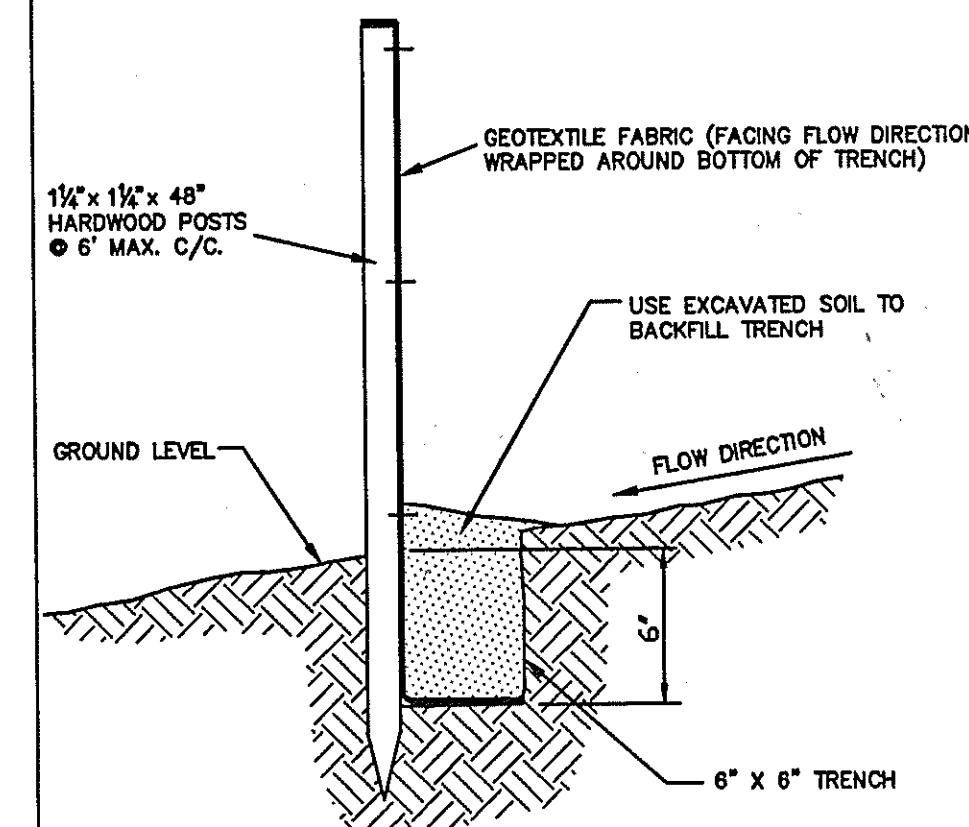
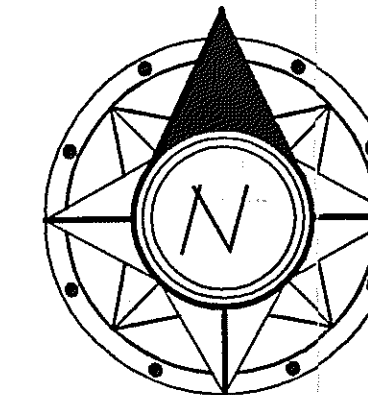
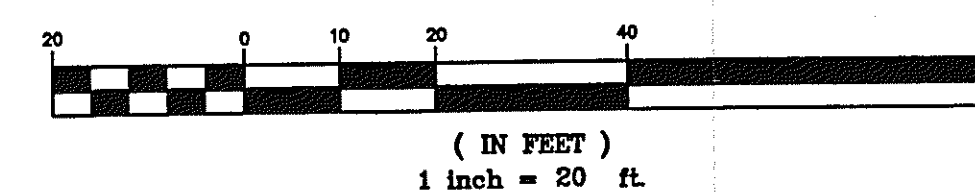
The specified erosion and sediment control standards are the general guidelines and shall not limit the right of the county to impose, at any time, additional, more stringent requirements. Nor shall the standards limit the right of the county to waive, in writing, individual requirements.

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.
August 16 to November	Rye	1	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Wheat	1	40 lb.
	Tall Fescue	1	40 lb.
November 1 to Spring Seeding	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.

Note: other approved seed species may be substituted.

GRAPHIC SCALE



TYPICAL CROSS SECTION

SILT FENCE DETAIL

NO SCALE DECEMBER 19, 1997

ESTIMATED IMPERVIOUS AREA

HOUSE: 0.05AC.
DRIVE: 0.04AC.
TOTAL: 0.09 AC.

House Summary

Model #3157, E.I.#1
3-Car Side Entry, Left Hand
With Full Basement
Srv. Add. #2250 Hemingway Lane
-See Architect Plans For
Complete House Dimensions.
-Utility Connections Per Plan;
Contractor To Verify Location
And Depth Of All Laterals.

NOTE: HOUSE DOWNSPOUTS TO
BE TIED INTO EXISTING
STORM SYSTEM.

-FINAL LOCATION OF DOWNSPOUTS
TO BE VERIFIED WITH ARCHITECTURAL PLANS.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS
TOPOGRAPHY, INDICATED BY 6", 1" OR 2" CONTOURS,
AND ELEVATIONS SHOWN HEREON, REPRESENT AN
ACTUAL FIELD SURVEY MADE BY ME ON THE 3rd
DAY OF FEBRUARY, 2004, AND THAT THE ELEVATIONS
WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS
OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

Dustin R. Keeney
Dustin R. Keeney, P.E. 65575

Sta. & Cords 1122.7-27-04 D.S.W.

EROSION CONTROL TIMETABLE

September 22, 2003

ACCEPTABLE EROSION CONTROL TIMETABLE

TYPE OF EROSION CONTROL	J	F	M	A	M	J	J	A	S	O	N	D
TEMP. SEEDING	*	*	*	*	*	*	*	*	*	*	*	*
PERM. SEEDING	*	*	*	*	*	*	*	*	*	*	*	*
STORMWATER CONTROL	*	*	*	*	*	*	*	*	*	*	*	*
STORMWATER CONTROL MAINTENANCE	*	*	*	*	*	*	*	*	*	*	*	*

*** SEEDING INSTALLED FROM MAY 15 - AUG. 15 WILL REQUIRE ADDITIONAL WATERING
TO PROMOTE SEED GROWTH. MULCH MAY ALSO BE USED TO HOLD MOISTURE.

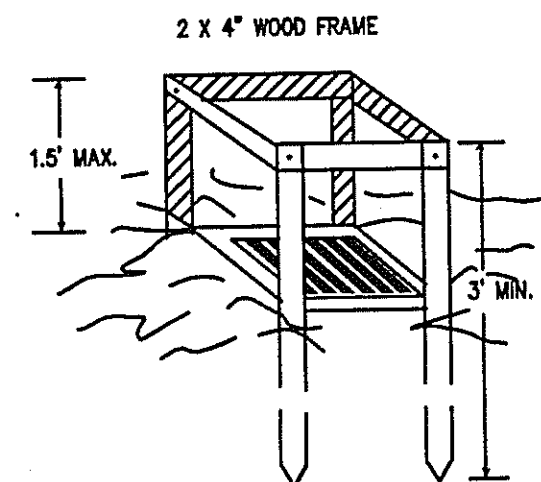
SCHEDULE OF MAJOR CONSTRUCTION OPERATIONS

OPERATION	J	F	M	A	M	J	J	A	S	O	N	D
TEMP. SEEDING	*	*	*	*	*	*	*	*	*	*	*	*
PERM. SEEDING	*	*	*	*	*	*	*	*	*	*	*	*
STORMWATER CONTROL	*	*	*	*	*	*	*	*	*	*	*	*
STORMWATER CONTROL MAINTENANCE	*	*	*	*	*	*	*	*	*	*	*	*

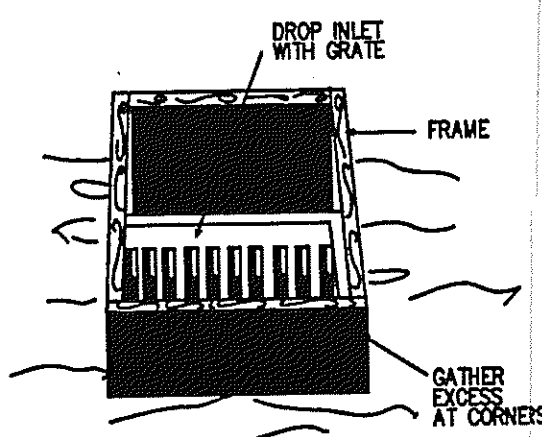
STORM & EROSION DETAILS\EROSION CONTROL TIMETABLE

SILT FENCE DROP INLET PROTECTION

NO SCALE



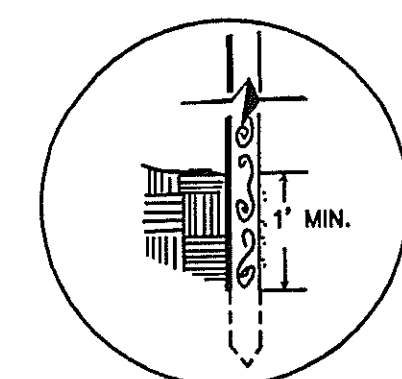
PERSPECTIVE VIEWS



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE
INLET DRAINS A RELATIVELY FLAT AREA (SLOPE NO GREATER
THAN 5%) WHERE THE INLET SHEET OR OVERLAND FLOWS (NOT
EXCEEDING 1 C.F.S.) ARE TYPICAL. THE METHOD SHALL NOT
APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS
IN STREET OR HIGHWAY MEDIANS.

DETAIL A



SOURCE: N.C. Erosion and Sediment Control Planning and Design Manual, 1989

STORM & EROSION DETAILS\SILT FENCE DROP INLET PROTECTION DETAIL

S/L 33 C/L Data-A
R=50.00'
A=44.38'
C=44.38'
D=172.52'
N47°12'52"E

S/L 33 C/L Data-B
R=320.00'
A=98.06'
C=97.69'
D=1733.29'
N81°24'41"E

CONCORD TOWNSHIP ZONING OFFICE

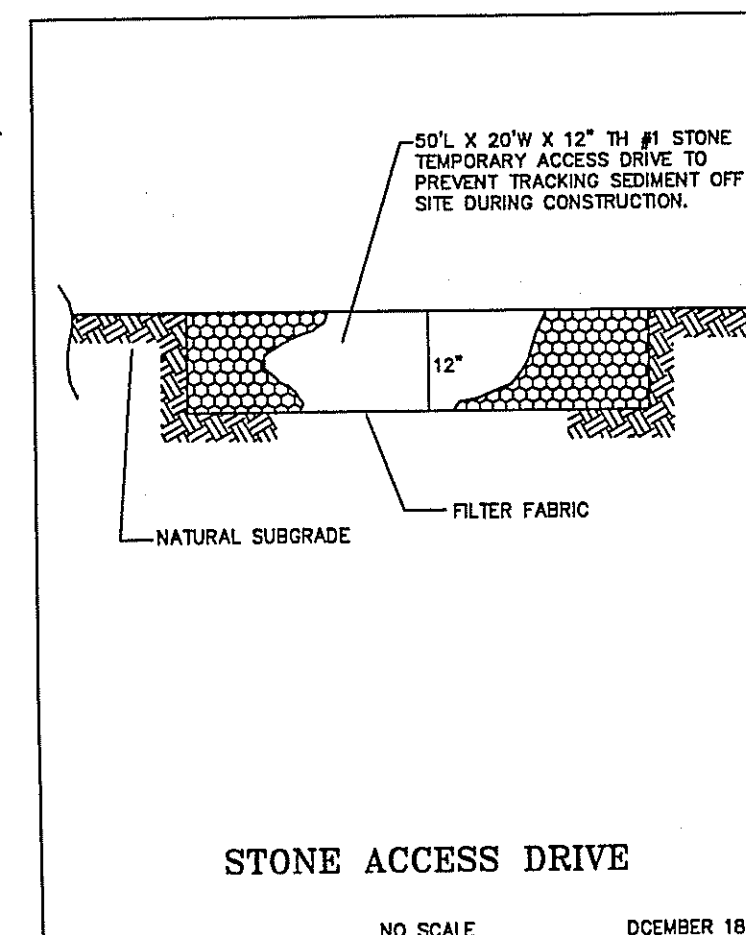
ZONING PERMIT # 0804-11840

ISSUED 3/24/04

SUBJECT TO APPROVAL BY:

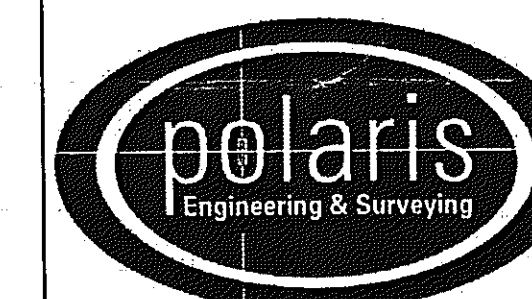
- ☒ Lake Co. Sanitary Engineer
- ☒ Lake Co. Eng. Dept.
- ☒ Lake Co. Planning Comm.
- ☒ Lake Co. Building Dept.
- ☒ Lake Co. Soil & Water Cons. Dist.

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By 6113 Date 8/10/04



STONE ACCESS DRIVE

NO SCALE DECEMBER 18, 1997



POLARIS ENGINEERING & SURVEYING, INC.
34600 CHARDON ROAD - SUITE D
WILLOUGHBY HILLS, OHIO 44094
(440) 944-4433 (440) 944-3722 (Fax)
www.polaris-es.com

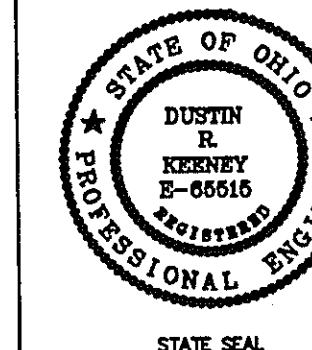
DESIGN CERTIFICATION

THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

Dustin R. Keeney
NAME DATE 7/27/04

BENCHMARK:

B.M. = T.B.M Set On Top Of Hydrant
Located In Front Of S/L 33
Elevation 937.26



"AS-BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS
OBTAINED ON THE SITE AND IS CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

NAME DATE

SUBLOT 33
Holden Ridge Ph.2

Concord Twp., Lake County, Ohio

CONTRACT No.

04568

DATE: 7/27/04

SCALE: HOR. 1"=20'

VERT.

FILENAME: subplot33.dwg