

# 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.

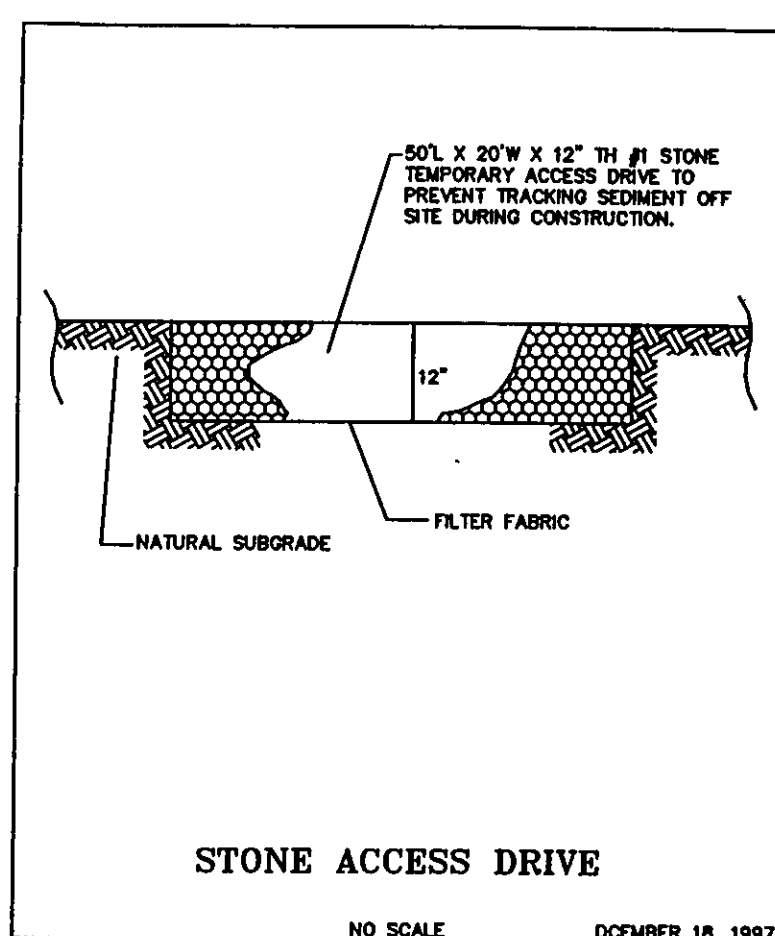
**Stabilization of critical areas** within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance. If the site is to remain inactive for longer than fourteen (14) days.

**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.

**Notes:**  
All erosion and sediment control specifications, applications, and limitations 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.



STONE ACCESS DRIVE

NO SCALE DECEMBER 18, 1997

## EXISTING UNDERGROUND 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, POLARIS ENGINEERING & SURVEYING, INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

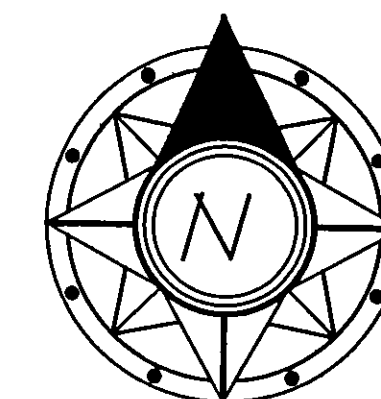


2 WORKING DAYS  
BEFORE YOU DIG

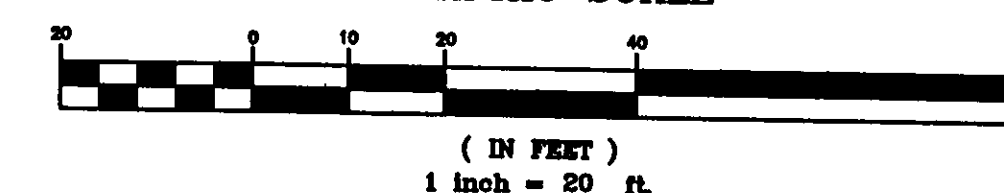


CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE



GRAPHIC SCALE



ESTIMATED IMPERVIOUS AREA  
HOUSE: 0.08Ac.  
DRIVE: 0.04Ac.  
TOTAL: 0.12Ac.

**House Summary**  
3-Car Side Entry, Right Hand With Basement  
Str. Add. #285 Hemingway Lane  
-See Architect Plans For Complete House Dimensions.  
-Utility Connections Per Plans; Contractor To Verify Location And Depth Of All Laterals.

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

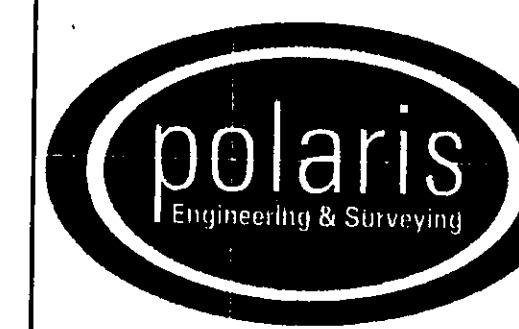
NOTE: SEE ARCHITECTURAL PLANS FOR DOWNSPOUT LOCATIONS.

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 6th DAY OF SEPTEMBER, 2006, 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. 55515

Site & Grade New Hse., 9-11-06 G.S.V.  
Site & Grade Hse., 7-11-05 G.S.V.

**Prepared For:**  
B.R. Knez Construction, Inc.  
3375 Blackmore Road  
Perry Township, Ohio 44081  
(440) 259-0087  
The 'Niznik' Residence



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* 9/11/06  
NAME DATE

## BENCHMARK:

B.M. = T.B.M Set On Top Of Hydrant  
Located Opposite Adj. S/L 48;  
Elevation 965.51



## "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 49**  
Holden Ridge Ph.2  
(Formerly Wellesley Chase Subdivision Ph.2)  
Concord Twp., Lake County, Ohio

CONTRACT No.  
05750

DATE: 9/8/06  
SCALE: HOR. 1"=20'  
VERT. 1"=10'

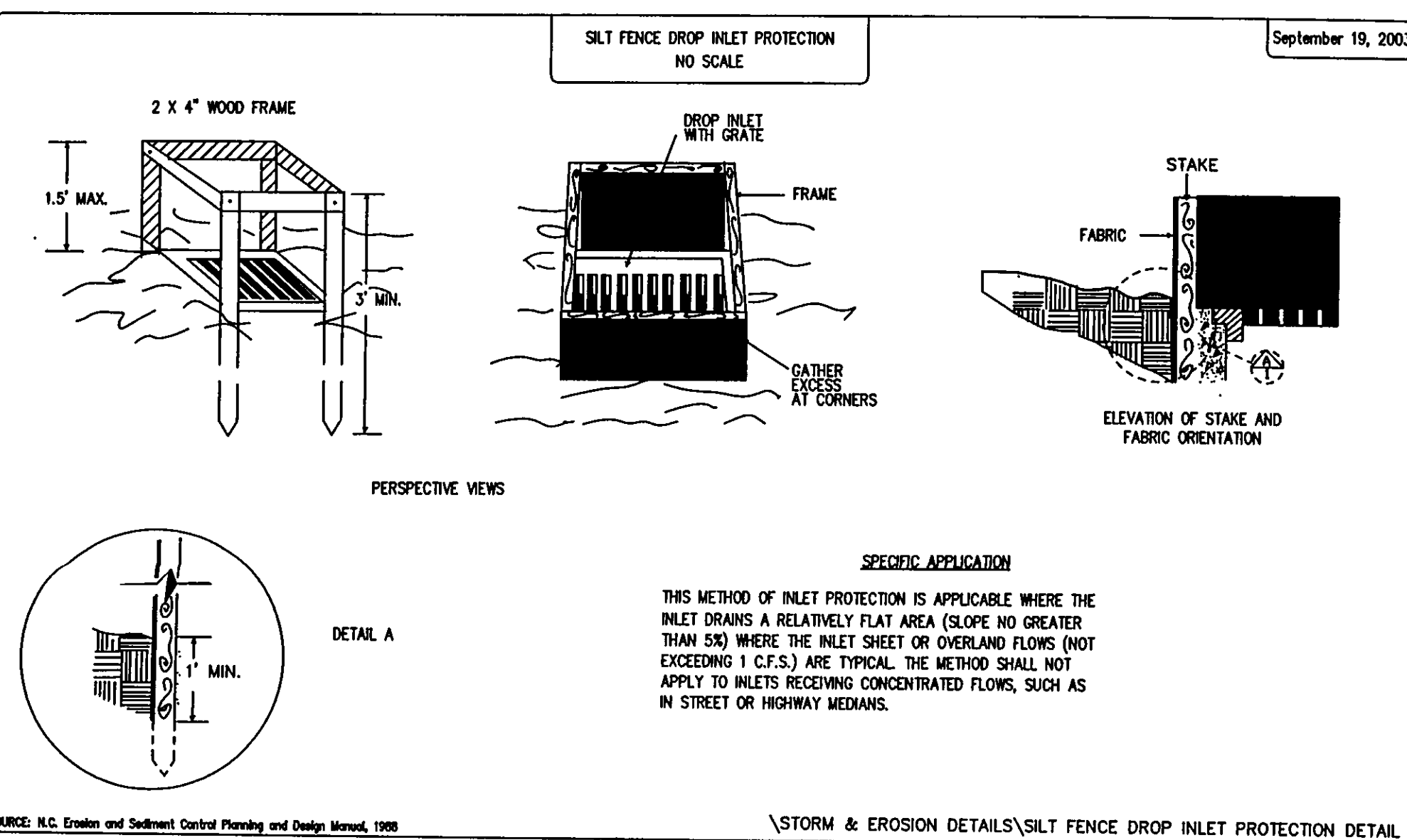
FILENAME: sublot49-9-8-06.dwg

EROSION CONTROL TIMETABLE												September 22, 2003
ACCEPTABLE EROSION CONTROL TIMETABLE												
Activity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TEMP. SEEDING												
PERM. SEEDING												
MULCHING												
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												September 22, 2003
Activity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
GRADING												
TEMP. EROSION CONTROL												
PERM. EROSION CONTROL												
TEMP. SEEDING												
PERM. SEEDING												
TEMP. EROSION CONTROL MAINTENANCE												

STORM & EROSION DETAILS/EROSION CONTROL TIMETABLE



PERSPECTIVE VIEWS

DETAIL A

## 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.

STORM & EROSION DETAILS/SILT FENCE DROP INLET PROTECTION DETAIL

Hemingway Lane 60'

Storm MFL  
Rim: 975.00  
Inv: N. 967.69  
Inv: S. 967.73  
Inv: SW. 968.34

Elevations Used To Establish House Grades:  
Garage Flr. + 1.0' = Top Wall  
Top Wall + 11 1/2" (0.96') = First Flr.  
Top Wall - 8.0' = Top Of Footer  
Top Of Footer + 0.33' = Bmt. Flr.

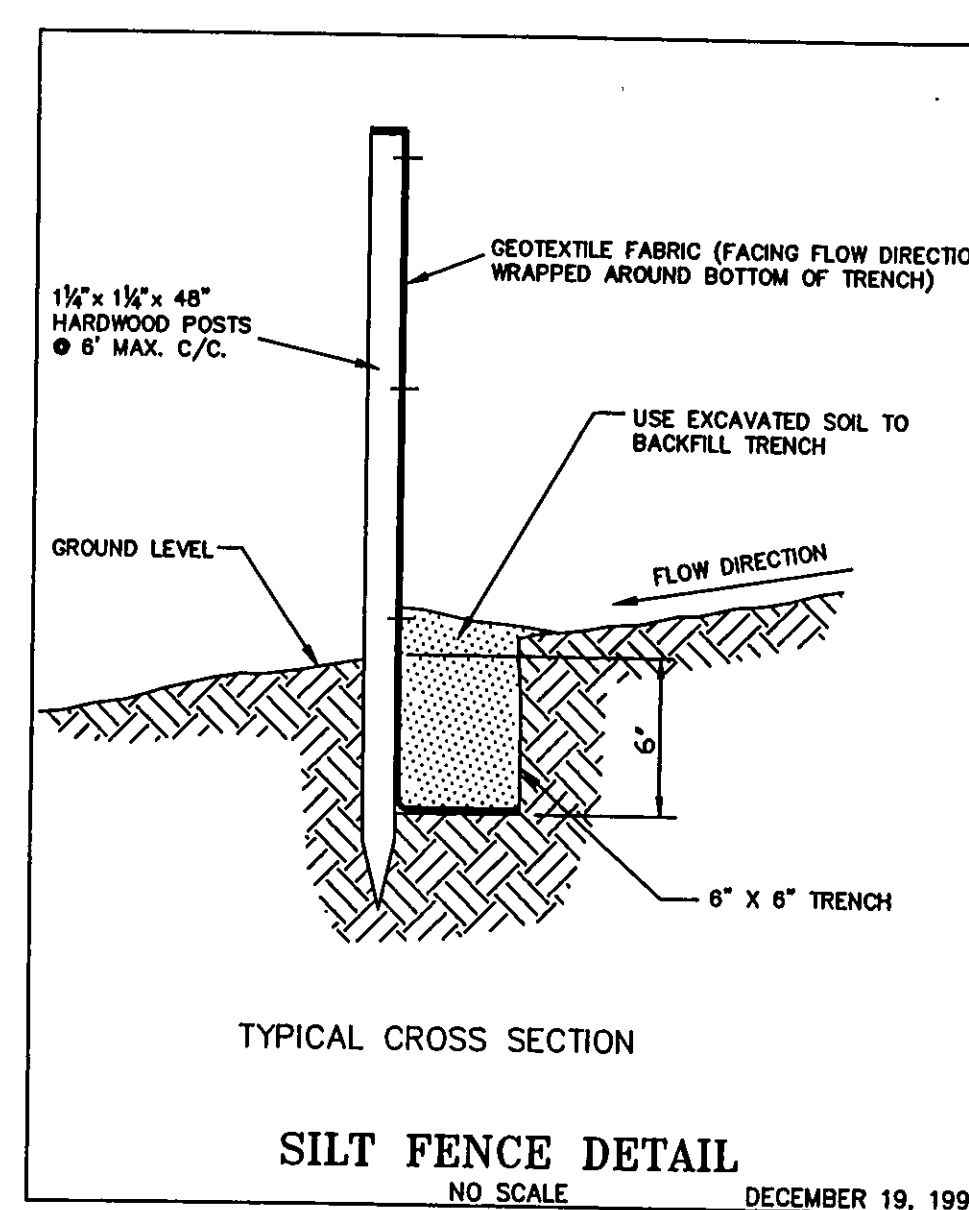
Note: Additional Grade Brick As Necessary Shall Be Added Due To Grading Along North.

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

Note: other approved seed species may be substituted.

CONCORD TOWNSHIP ZONING OFFICE  
Zoning Permit # 0806-1295  
Date issued 9/23/06  
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.



TYPICAL CROSS SECTION

SILT FENCE DETAIL

NO SCALE DECEMBER 19, 1997

Stormwater Management Plan  
Approved as shown and/or noted  
JAMES R. GILLS, P.E.  
County Drainage Engineer  
By *J.R. Gills* Date 9/19/06