

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.

EROSION CONTROL TIMETABLE

September 22, 2003

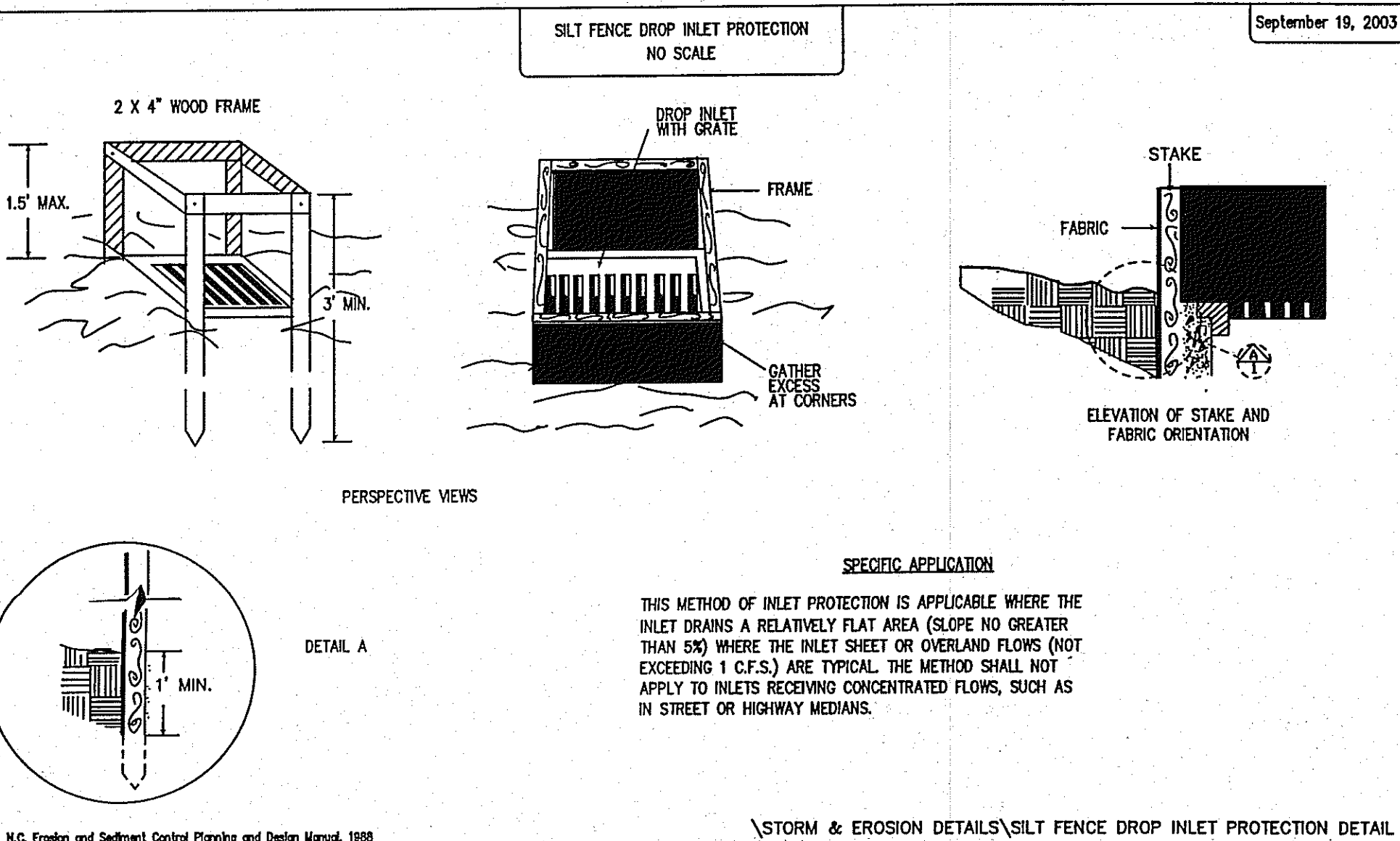
ACCEPTABLE EROSION CONTROL TIMETABLE	J	F	M	A	M	J	J	A	S	O	N	D
TEMP. SEEDING	*	*	*	*	*	*	*	*	*	*	*	*
PERM. SEEDING	*	*	*	*	*	*	*	*	*	*	*	*
LANDSCAPING	*	*	*	*	*	*	*	*	*	*	*	*
MULCHING	*	*	*	*	*	*	*	*	*	*	*	*
MAINTENANCE	*	*	*	*	*	*	*	*	*	*	*	*

** SEEDING INSTALLED FROM MAY 15 - JULY 15 WILL REQUIRE ADDITIONAL WATERING TO PREVENT SEED DROPPING. MULCH MAY ALSO BE USED TO HOLD SEEDING.

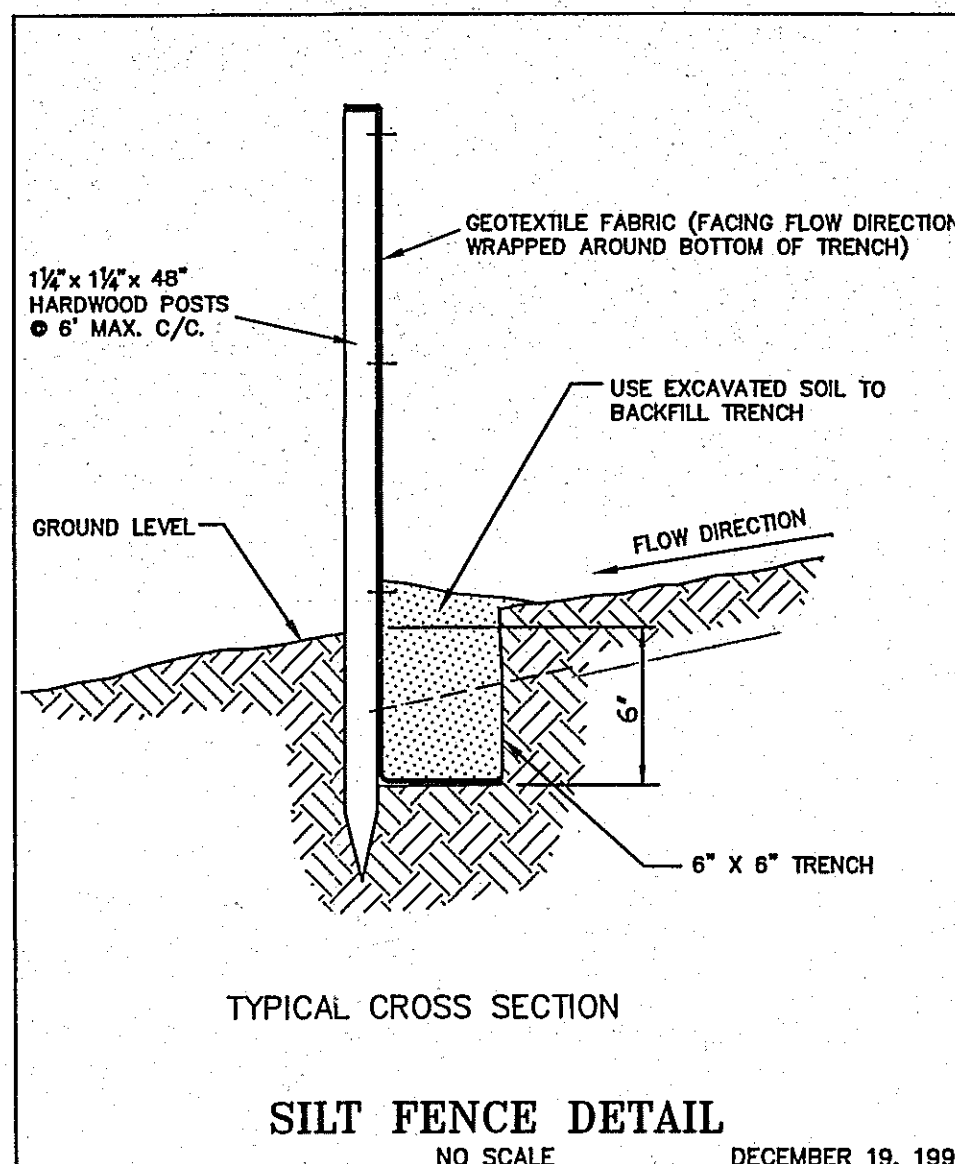
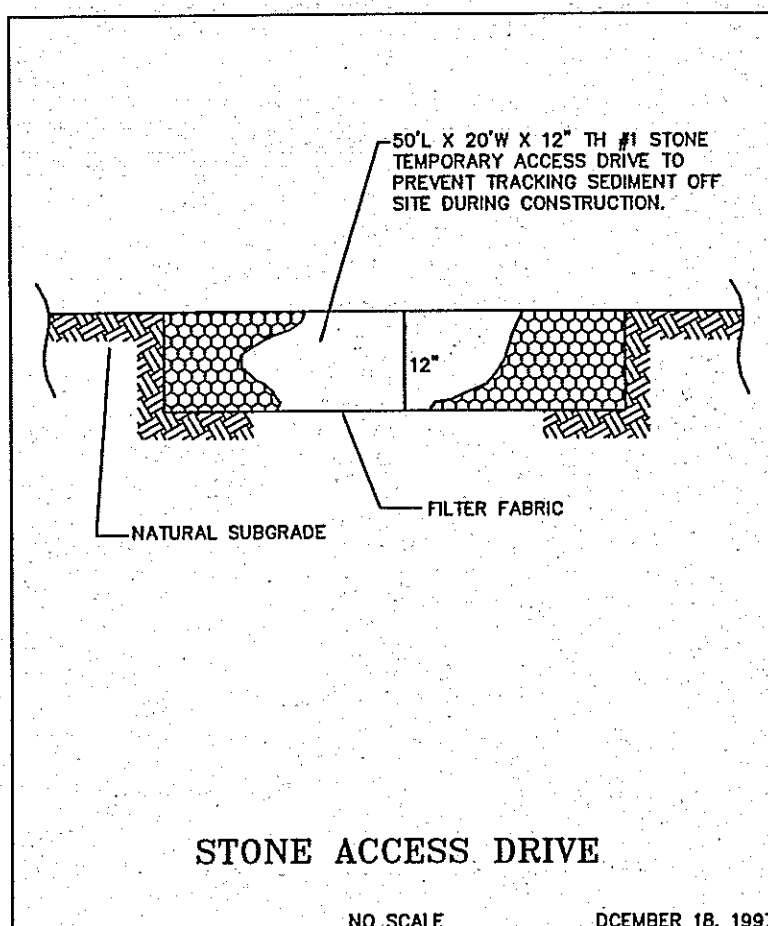
SCHEDULE OF MAJOR CONSTRUCTION OPERATIONS

	J	F	M	A	M	J	J	A	S	O	N	D
CLEARING	*	*	*	*	*	*	*	*	*	*	*	*
ROAD GRADING	*	*	*	*	*	*	*	*	*	*	*	*
TEMP. EROSION CONTROL	*	*	*	*	*	*	*	*	*	*	*	*
STORMWATER DETENTION POND	*	*	*	*	*	*	*	*	*	*	*	*
UTILITY	*	*	*	*	*	*	*	*	*	*	*	*
PERM. SEEDING	*	*	*	*	*	*	*	*	*	*	*	*
LANDSCAPING	*	*	*	*	*	*	*	*	*	*	*	*
TEMP. EROSION CONTROL MAINTENANCE	*	*	*	*	*	*	*	*	*	*	*	*

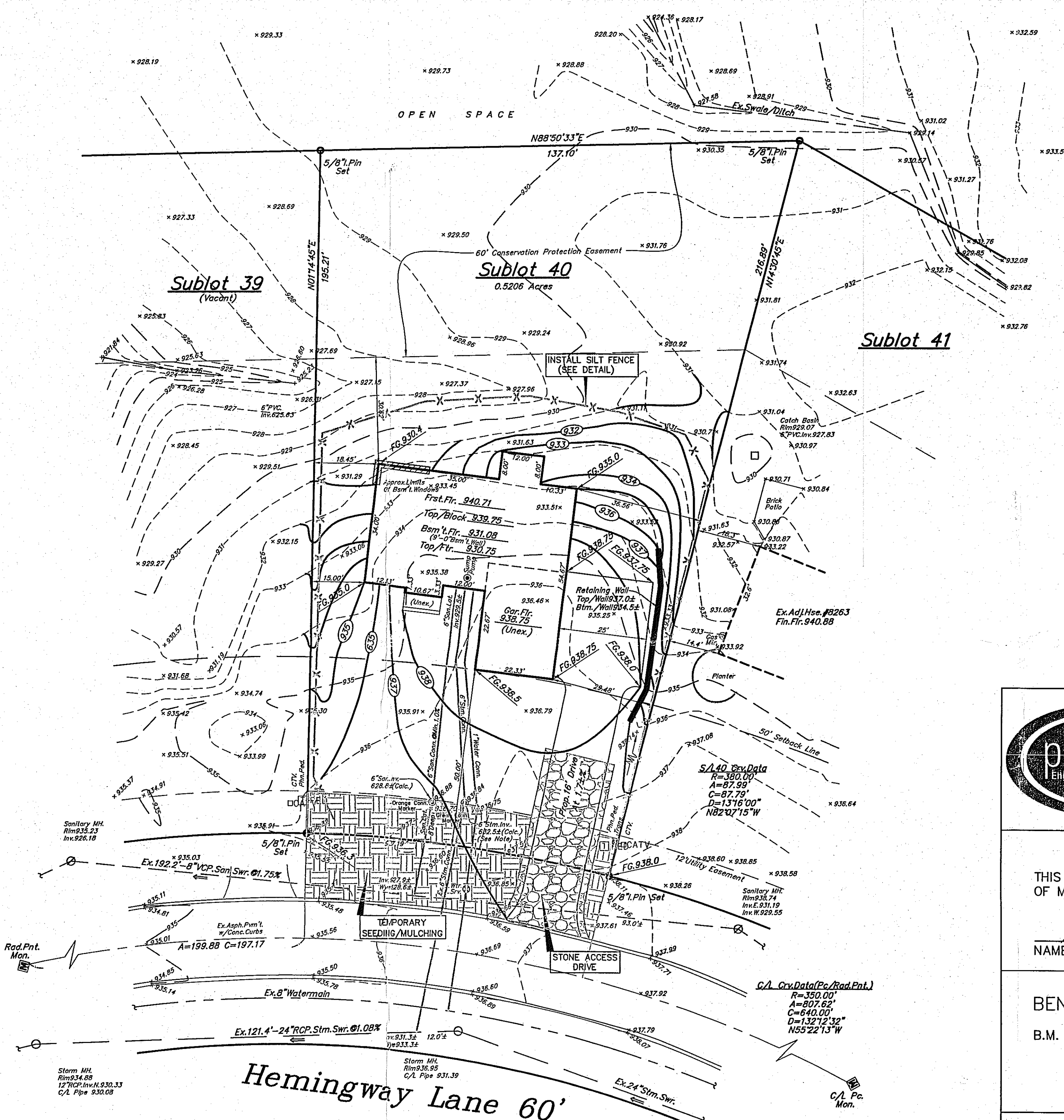
STORM & EROSION DETAILS/EROSION CONTROL TIMETABLE



SOURCE: N.C. Erosion and Sediment Control Planning and Design Manual, 1998



Elevations Used To Establish House Grades:
Garage Flr. + 1.0' = Top Wall
Top Wall + 11 1/2" (0.96') = First Flr.
Top Wall - 9.0' = Top Of Footer
Top Of Footer + 0.33' = Bsm't. Flr.



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.
November 1 to Spring Seeding	Use mulch only, sodding practices or dormant seeding		

Note: other approved seed species may be substituted.

Note: Contractor To Verify Depth Of Exist. 6" San. Conn. Prior To Basement Excavation To Verify Basement Sanitary Service Is Available.

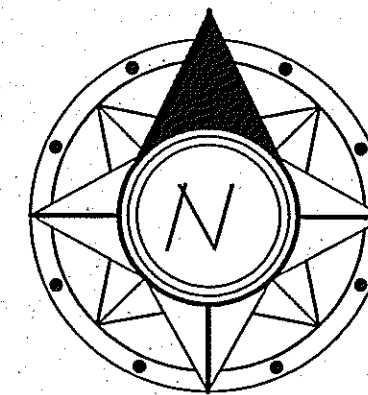
Prepared For:
B.R. Knez Construction, Inc.
3375 Blackmore Road
Perry Township, Ohio 44081
(440)259-0087

CONCORD TOWNSHIP ZONING OFFICE

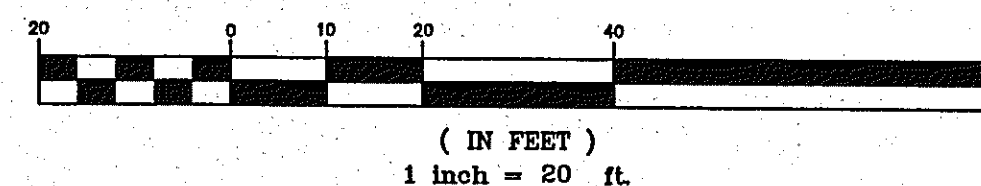
Zoning Permit # 0206 12565

Date Issued 2/17/06

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.



GRAPHIC SCALE



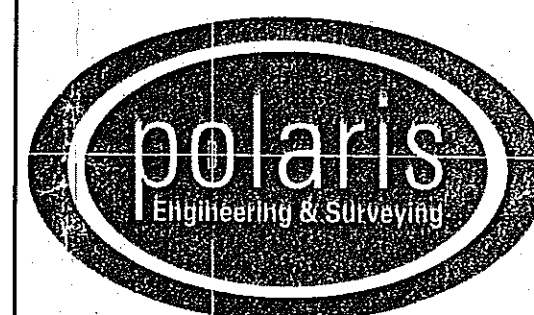
ESTIMATED IMPERVIOUS AREA
HOUSE: 0.08Ac.
DRIVE: 0.04Ac.
TOTAL: 0.10Ac.

House Summary
3-Cor Side Entry, Right Hand With Basement
St. Acc. #259, 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 WHERE POSSIBLE.
-HOUSE DOWNSPOUTS IN WALKOUT AREA SHOULD BE OUTLETED TO SPLASHBLOCKS.
-SEE ARCHITECT 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 JANUARY, 2006, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

Dustin R. Keeney, P.E. 65515
Rev'd. Hse. (Breakfast), 1-30-06 G.S.V.
Site & Grade Hse., 1-16-06 G.S.V.



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.

NAME Dustin R. Keeney DATE 1/30/06

BENCHMARK:

B.M. = T.B.M Set On Top Of Hydrant
Located Opposite S/L 38
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 40
Holden Ridge Ph.2
(Formerly Wellesley Chase Subdivision No.2)
Concord Twp., Lake County, Ohio

CONTRACT No.
05750
DATE: 1/12/06
SCALE: HOR. 1"=20'
VERT. _____
FILENAME: subplot40.dwg

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By J.S. Date 2/13/06