

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 twenty-one (21) 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.

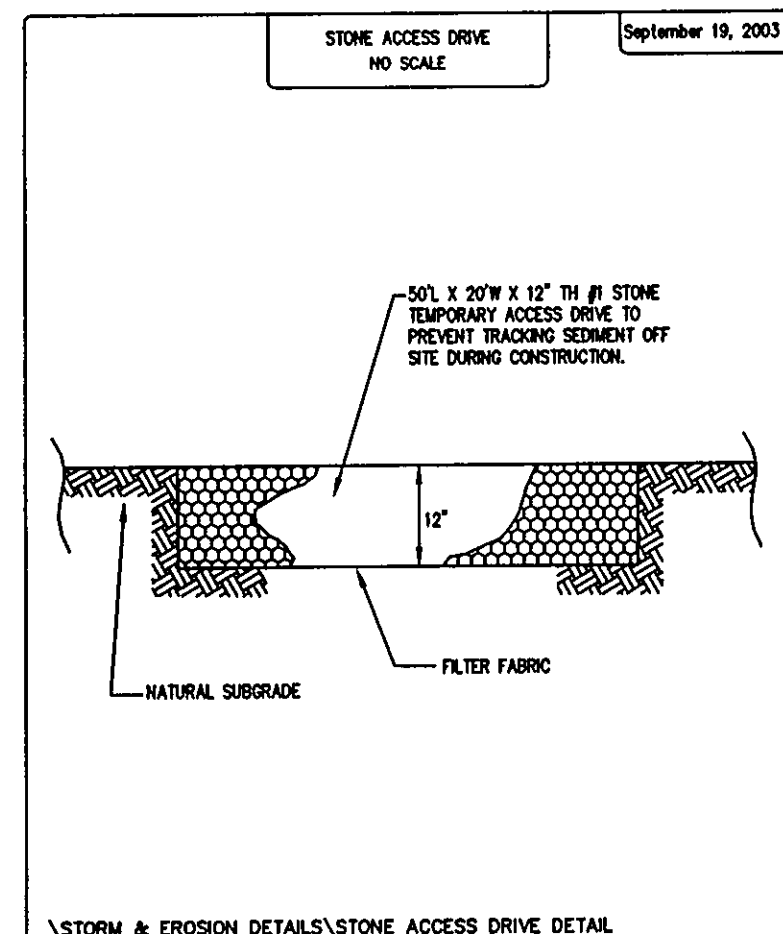
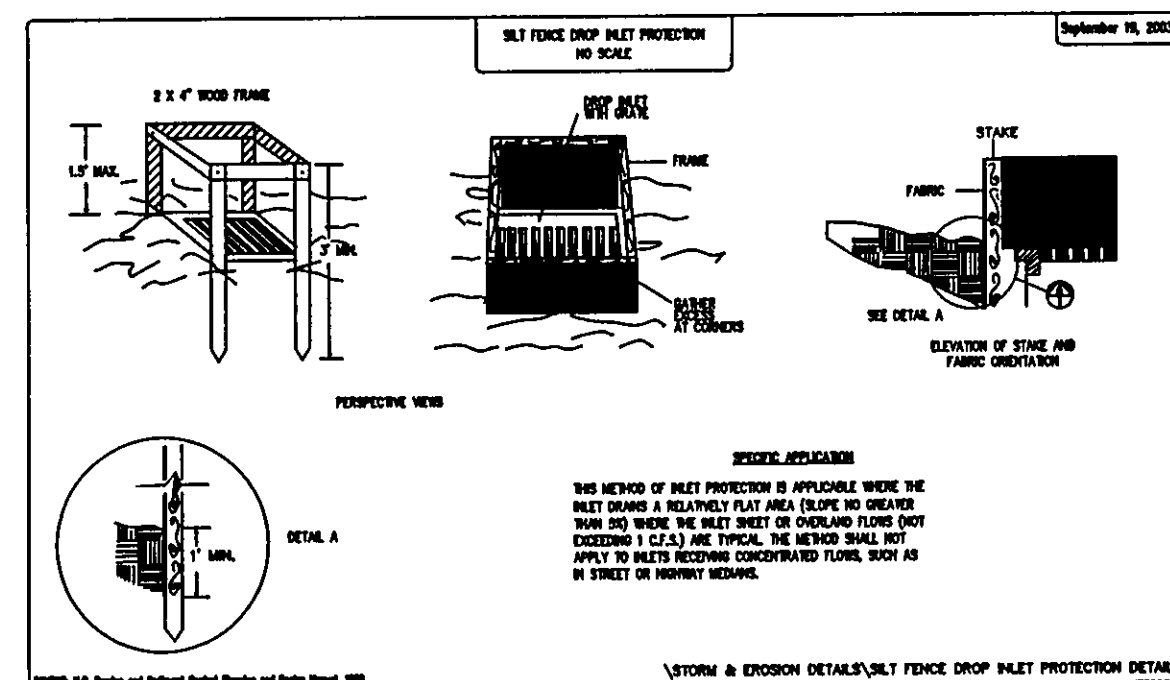
Stabilization of critical areas within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance. If the site is to remain inactive for longer than fourteen (14) days.

Mulching
Straw-mulch shall be applied at a rate of 1 bushel 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 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. Notwithstanding, the standards limit the right of the county to waive, in writing, individual requirements.



EROSION CONTROL TIMETABLE September 22, 2003

ACCEPTABLE EROSION CONTROL TIMETABLE

SCHEDULE OF MAJOR CONSTRUCTION OPERATIONS

Temporary Seeding Specifications

Seeding Dates	Species	Lb. / 1000sqft	Per Acre
March 1 to August 15	Orchard Grass	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.
	Wheat	1	40 lb.

Note: other approved seed species may be substituted.

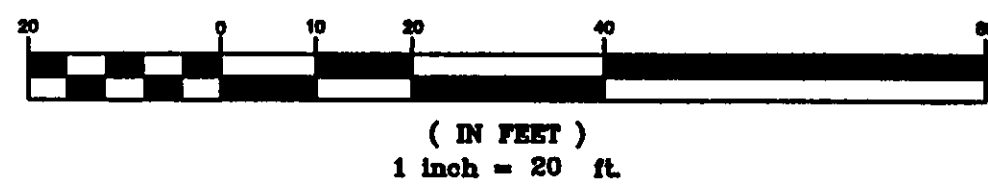
EXISTING UNDERGROUND UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, POLARIS ENGINEERING & SURVEYING, INC.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

NOTE: THIS SURVEY SUBJECT TO CHANGE UPON RECEIPT OF ANY ADDITIONAL AVAILABLE UNDERGROUND UTILITY INFORMATION.

2 WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE CALLED DIRECT

Prepared For:
River Oaks Homes
P.O. Box 754
Painesville, Ohio 44077
Ph: (440) 358-9050
Fax: (440) 357-8848

GRAPHIC SCALE



House Grading Summary

Key:
Gar.Fir.=Garage Floor Elevation At Garage Door
Top/Wall=Top Of Wall Elevation
Fst.Fir.=First Floor Elevation
Bmt.Fir.=Basement Floor Elevation
Top/Ftr.=Top Of Footer Elevation

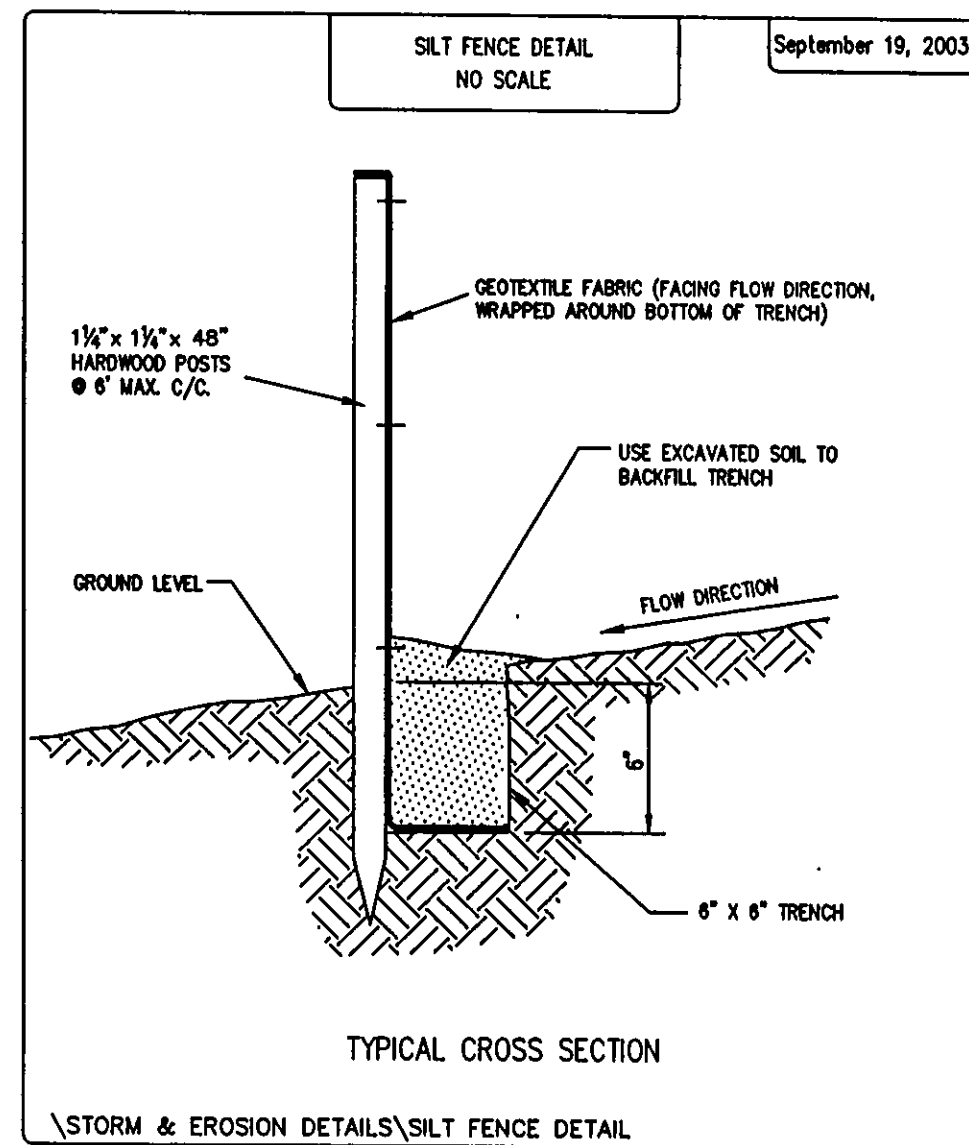
Elevations Used To Establish House Floor Grades:
-Gar.Fir.+1'-0"=Top Of Block
-Top Of Wall + 1'-0"=Fst.Fir.
-Top Of Wall - 9'-0"=Top/Ftr.
-Top Of Ftr.+4'(0.33')=Bmt.Fir.

NOTE:

- Contractor To Verify Location & Depth Of Laterals;
- See Architect Plans For Complete House Dimensions;
- Sump Pump To Connect To Ex.Stm.Conn.
- Downspouts To Outlet To Splash Blocks
- Contractor/Builder To Verify Soil Bearing Capacity Is Satisfactory For Basement Footers.
- Install Silt Fence As Required.

S/L 8 Grd Data
R=70.00
A=02.03
C=77.91
T=46.89
B=67.37/53"
N.77°08'18"W

S/L 10 Grd Data
R=50.00
A=8.05
C=8.04
T=4.03
B=91.32°
N.47°56'05"W



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

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 1st DAY OF SEPTEMBER, 2008, 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. 65515

Site & Grade Hse. 10-2-08



POLARIS ENGINEERING & SURVEYING, INC.
34600 CHARDON ROAD - SUITE D
WILLOUGHBY HILLS, OHIO 44094
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www.polaris-es.com

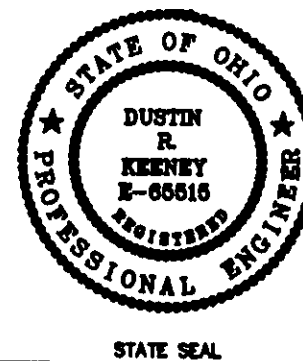
DESIGN CERTIFICATION

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

Dustin R. Keeney 10/2/08
NAME DATE

BENCHMARK:

B.M. = T.B.M Set On Top Of Hydrant
Located As Noted
Elevation As Noted



"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 9
Nature Preserve North
(Volume 49, Page 26)
Concord Twp., Lake County, Ohio

CONTRACT No.
08023
DATE: 10-2-08
SCALE: HOR. 1"=20'
VERT. N/A
FILENAME: Sublot9.dwg

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLIS, P.E.
County Drainage Engineer
By: *J. Gillis* Date: 10/2/08