

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 disturbances 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.

CONCORD TOWNSHIP ZONING OFFICE
Zoning Permit # 0008-15521
Date Issued 6/11/08
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.

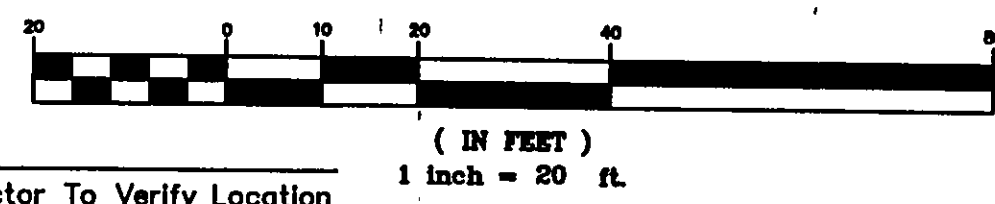
House Grading Summary

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

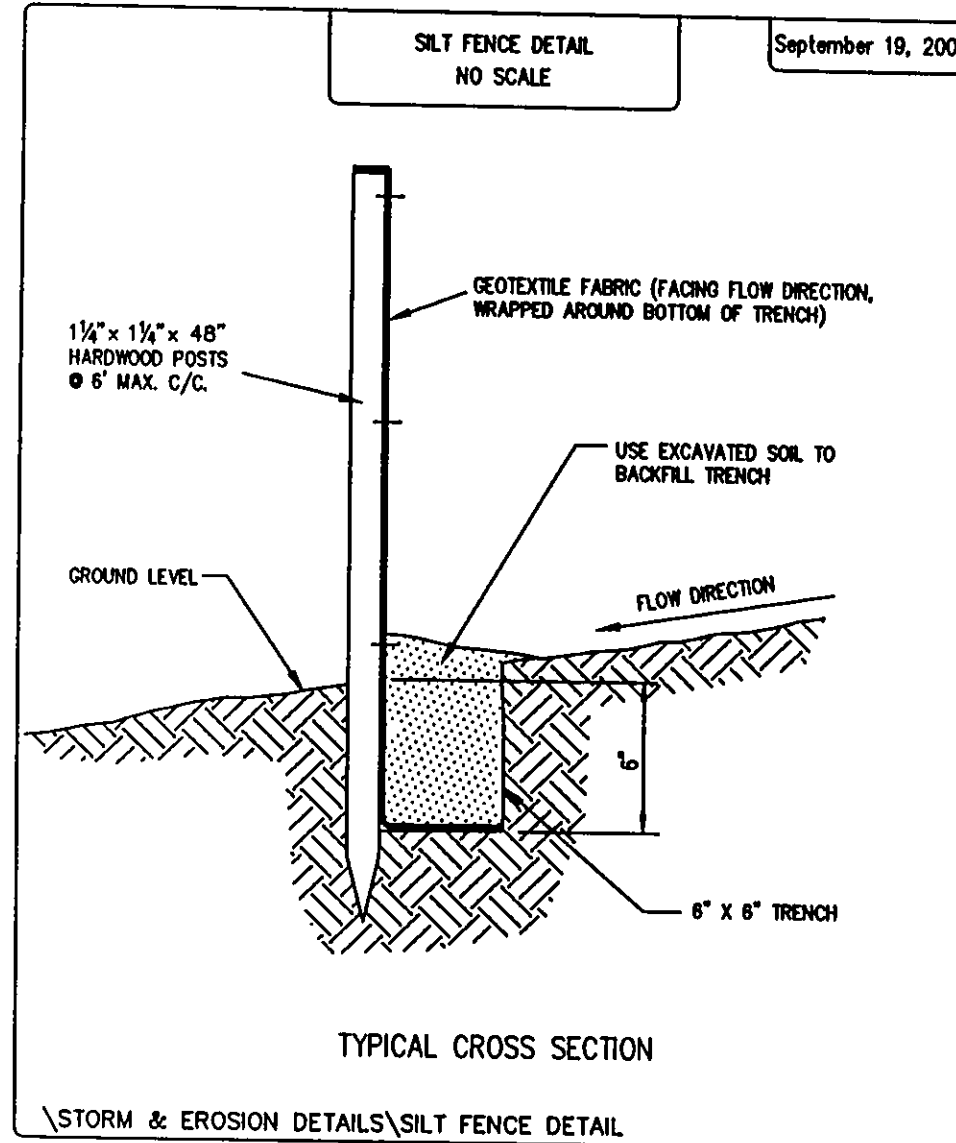
Elevations Used To Establish House Floor Grades:
-Gar.Fir.+1'0"=Top Of Block
-Top Of Wall + 1'-0"=Frat.Fir.
-Top Of Wall - 8'-0"=Top/Ftr.
-Top Of Ftr.+4'(0.33')=Bemt.Fir.

NOTE:
- Contractor To Verify Location & Depth Of Laterals;
- See Architect Plans For Complete House Dimensions;
- Footer Drains and Downspouts To Drain To Daylight At Rear Of House
- Install Silt Fence As Required.

GRAPHIC SCALE



ESTIMATED IMPERVIOUS AREA
HOUSE: 0.04AG
DRIVE: 0.04AG
TOTAL: 0.08AG



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 14th DAY OF MAY, 2008, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

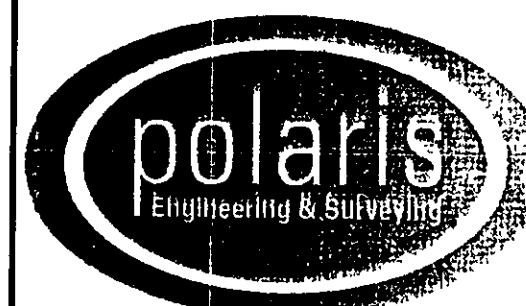
Dustin R. Keeney
Dustin R. Keeney, P.E. 65515

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 1	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.

Site & Grade Hse. JCK



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

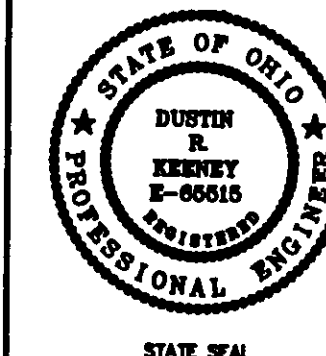
DESIGN CERTIFICATION

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

Dustin R. Keeney 6/5/08
NAME DATE

BENCHMARK:

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



"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 14
Nature Preserve North
(Volume 49, Page 26)
Concord Twp., Lake County, Ohio

CONTRACT No.
08055
DATE: 5/22/08
SCALE: HOR. 1"=20'
VERT. N/A
FILENAME: Sublot14.dwg

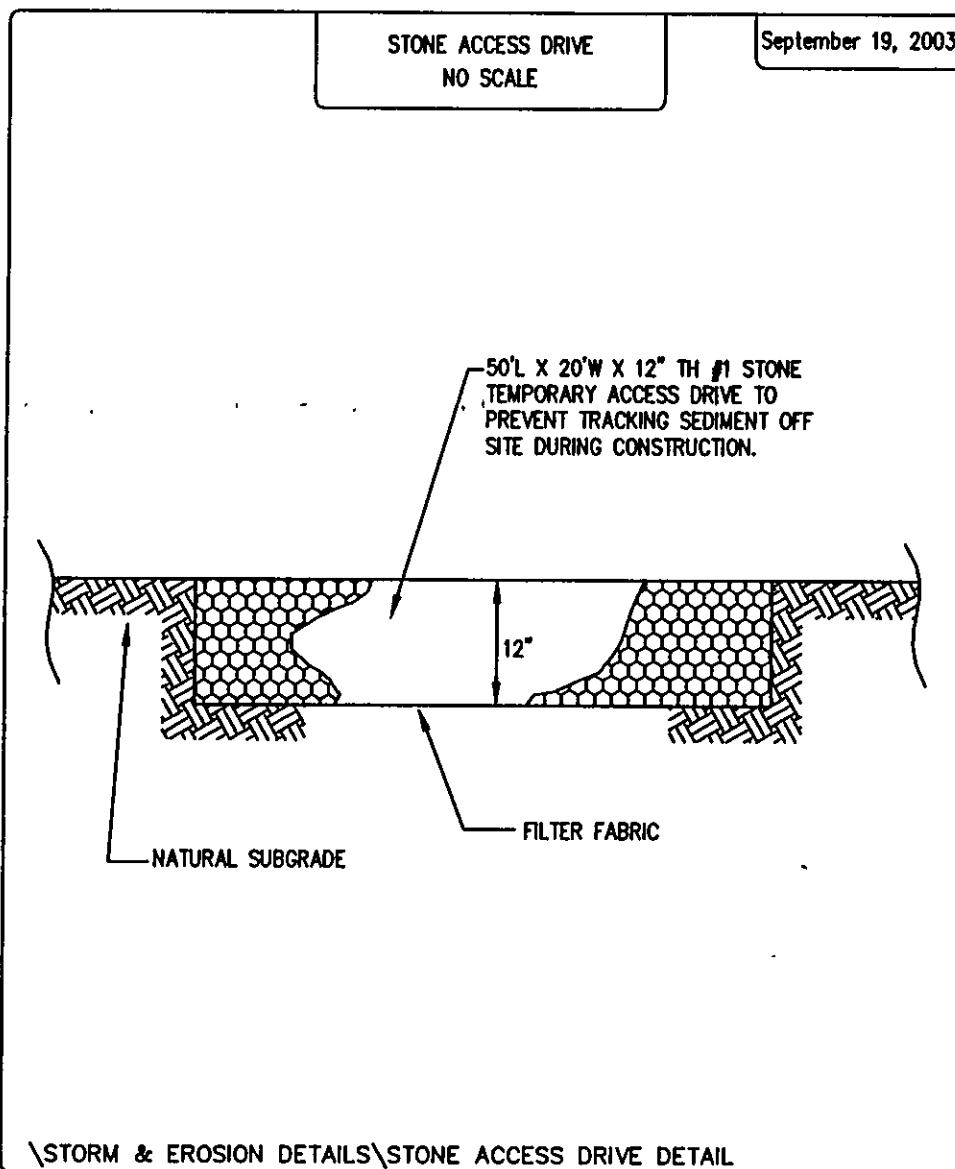
Prepared For:
River Oaks Homes
P.O. Box 754
Painesville, Ohio 44077
Ph: (440) 358-9050
Fax: (440) 357-8848

Monarch Court 60'

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
NON-MEMBERS MUST BE CALLED DIRECT

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



EROSION CONTROL TIMETABLE September 22, 2003

ACCEPTABLE EROSION CONTROL TIMETABLE											
TYPE SEEDING	1	2	3	4	5	6	7	8	9	10	11
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											
OPERATION	1	2	3	4	5	6	7	8	9	10	11
GRADING	*	*	*	*	*	*	*	*	*	*	*
FOUNDATION	*	*	*	*	*	*	*	*	*	*	*
TEMP. EROSION CONTROL	*	*	*	*	*	*	*	*	*	*	*
PERM. EROSION CONTROL	*	*	*	*	*	*	*	*	*	*	*
TEMP. SEEDING	*	*	*	*	*	*	*	*	*	*	*
PERM. SEEDING	*	*	*	*	*	*	*	*	*	*	*
MULCHING	*	*	*	*	*	*	*	*	*	*	*
MAINTENANCE	*	*	*	*	*	*	*	*	*	*	*

STORM & EROSION DETAILS/EROSION CONTROL TIMETABLE

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLIS, P.E.
County Drainage Engineer
By: J. S. Date: 6/15/08