

**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 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.



( IN FEET )  
1 inch = 20 ft.

**Key:**

Key:  
Gar.Flr.=Garage Floor Elevation At Garage Door  
Top/Wall=Top Of Wall Elevation  
Frst.Flr.=First Floor Elevation  
Bsm't.Flr.=Basement Floor Elevation  
Top/Ftr.=Top Of Footer Elevation

**Elevations Used To Establish House Floor Grades:**  
 -Gor.Flr.+1'-0"=Top Of Block  
 -Top Of Wall + 1'-0"=Frat.Flr.  
 -Top Of Wall - 9'-0"=Top Of Ftr.  
 -Top Of Ftr.+4'(0.33")=Bemt.Flr.

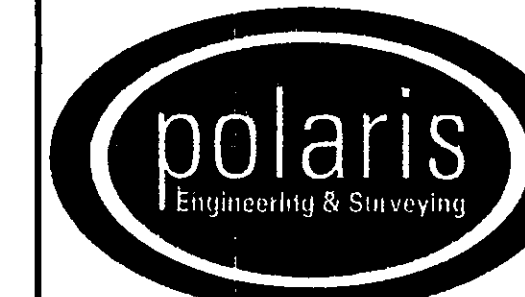
- Contractor To Verify Location & Depth Of Laterals;
- See Architect Plans For Complete House Dimensions;
- Footer Drains To Tie Into Storm Connection; Downspouts To Be Splash Blocked.
- Contractor/Builder To Verify Soil Bearing Capacity Is Satisfactory For Basement Footers.
- Install Silt Fence As Required.

ESTIMATED IMPERVIOUS AREA  
HOUSE: 0.06 Ac.  
DRIVE: 0.05 Ac.  
TOTAL: 0.11 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 17th DAY OF FEBRUARY, 2008, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

Charles W. Szucs  
CHARLES W. SZUCS, P.E. 56526

Rev'd.Grading, Add Yard Drain 3-24-09  
Site & Grade Hse. 2-17-09



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

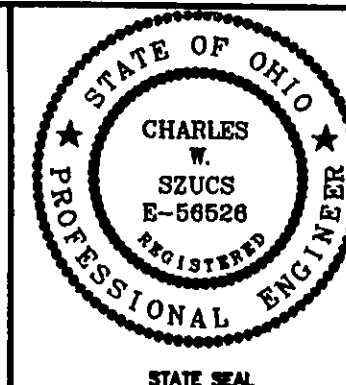
THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST  
OF MY KNOWLEDGE AND BELIEF.

Charles W. Sykes

NAME \_\_\_\_\_ DATE \_\_\_\_\_

BENCHMARK:

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



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 44  
Mountainside Farms  
Subdivision Phase 2  
(Volume 48, Page 33)  
Concord Twp., Lake County, Ohio

CONTRACT No.  
**08101**

DATE: 3/24/09

SCALE: HOR. 1"=20'  
VERT. N/A

FILENAME: Sublot44.dwg

[illegible]

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

[illegible]

\STORM &amp; EROSION DETAILS\EROSION CONTROL TIMETABLE



2 WORKING DAYS  
BEFORE YOU DIG

CALL 8-1-1

**OHIO UTILITIES PROTECTION SERVICE  
NON-MEMBERS MUST BE CALLED DIRECT**

Seeding Dates	Species	Lb. / 1000qqt	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.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
November 1 to Spring Seeding	Use much only, sodding practices or dormant seeding		

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.

**Prepared For:**  
B.R. Knez Construction, Inc.  
3375 Blackmore Road  
Perry Township, Ohio 44087  
(440)259-0087

Stormwater Management Plan  
Approved as shown and/or noted  
JAMES R. GILLS, P.E.  
County Drainage Engineer  
Date 3-25-09