

**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.

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.

Disturbed areas of the site that are to remain idle for more than twenty-one (21) days shall be properly seeded and straw mulch applied 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.

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.

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.



NO SCALE DECEMBER 18, 1997

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.
	Perennial Ryegrass	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		

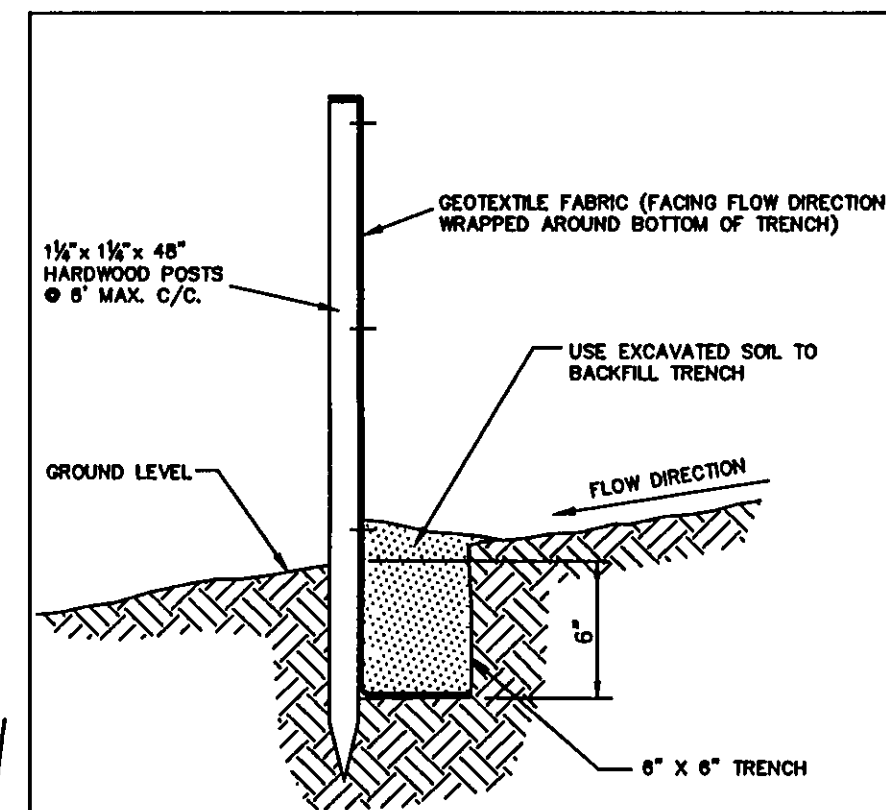
**EXISTING UNDERGROUND UTILITIES NOTE:**  
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, POLARIS ENGINEERING & SURVEYING,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



2 WORKING DAYS  
BEFORE YOU DIG

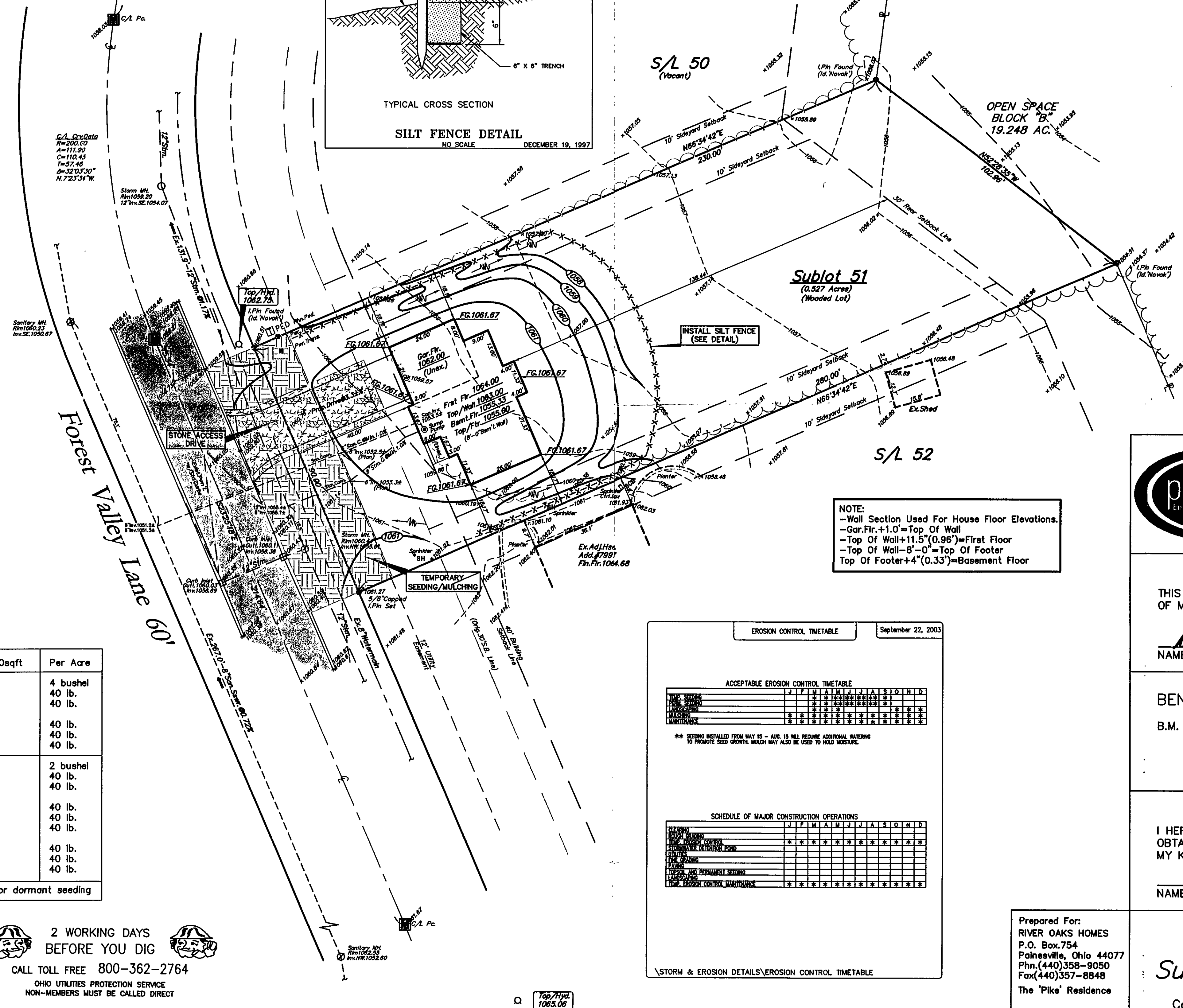
CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE  
NON-MEMBERS MUST BE CALLED DIRECT



TYPICAL CROSS SECTION

NO SCALE DECEMBER 19, 1997



**GRAPHIC SCALE**

( IN FEET )  
1 inch = 20 ft.

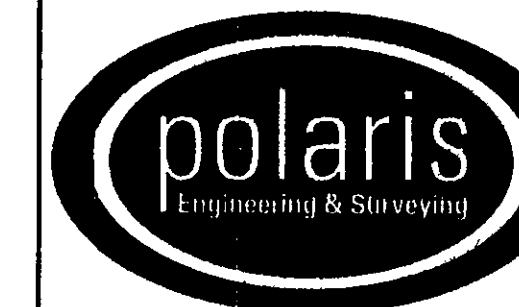
- End Of Utility Connections Shown On This Plan Represent Plan Connections Or Existing Lateral Markers, If Located In The Field.
- Contractor To Verify Location & Depth Of Laterals;
- See Architect Plans For Complete House Dimensions;

NOTE: HOUSE DOWNSPOUTS & SUMP PUMP TO BE  
TIED INTO EXISTING 6" STORM CONNECTION.

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 15th DAY OF NOVEMBER, 2007, 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. 12-14-07 G.S.V.

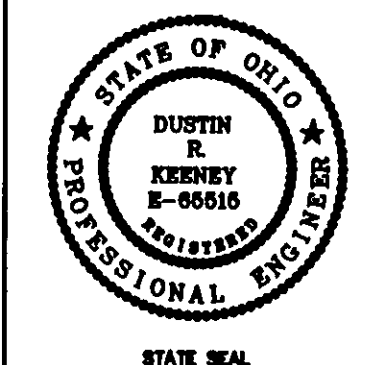


**POLARIS ENGINEERING & SURVEYING, INC.**  
34600 CHARDON ROAD - SUITE D  
WILLOUGHBY HILLS, OHIO 44094  
(440) 944-4433 (440) 944-3722 (Fax)  
[www.polaris-es.com](http://www.polaris-es.com)

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

NAME Quotient Learning DATE 12/14/07

B.M. = T.B.M Set On Top Of Hydrant  
 Located In Front Of Sublot 50  
 Elevation 1062.75



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 \_\_\_\_\_

**Prepared For:**  
**RIVER OAKS HOMES**  
**P.O. Box.754**  
**Painesville, Ohio 44077**  
**Phn.(440)358-9050**  
**Fax(440)357-8848**  
**The 'Pike' Residence**

SUBLOT 51  
Summerwood Subd.

Concord Twp., Lake County, Ohio

CONTRACT No.

07211

DATE: 12/14/07

SCALE: HOR. 1"=20'

VERT. \_\_\_\_\_

FILENAME: Sublot 51.dwg

## Stormwater Management Plan

JAMES R. COLE,  
County Drainage Engineer

By L.S. Date 12/26/07