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 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 - AUG. 15 WILL REQUIRE ADDITIONAL WATERING TO PROMOTE SEED GROWTH. MULCH MAY ALSO BE USED TO HOLD MOISTURE.

SCHEDULE OF MAJOR CONSTRUCTION OPERATIONS

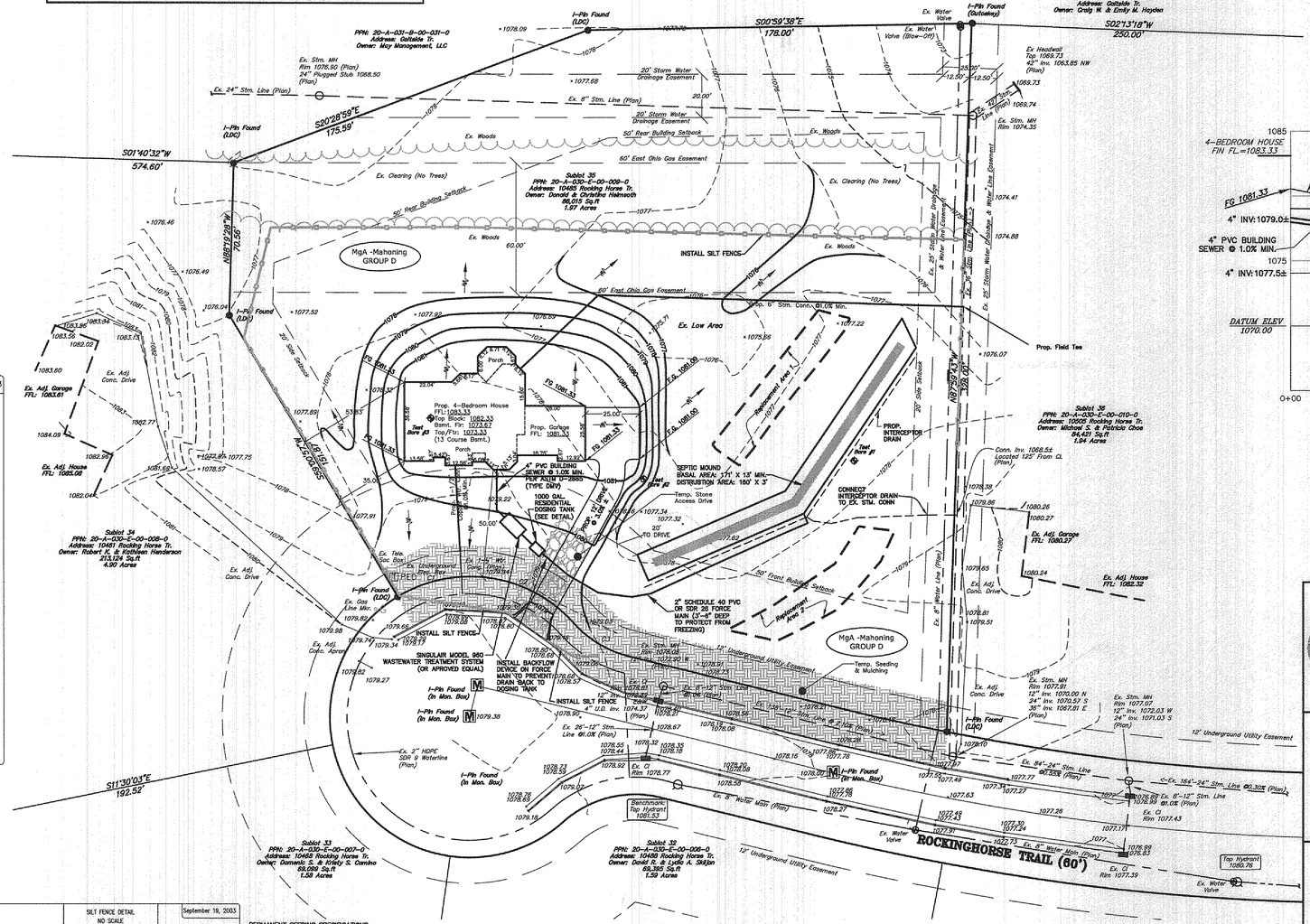
	J	F	M	A	M	J	J	A	S	O	N	D
CLEARING												
ROUGH GRADING												
TEMP. EROSION CONTROL	*	*	*	*	*	*	*	*	*	*	*	*
STORMWATER DETENTION POND												
UTILITIES												
FINE GRADING												
PAVING												
TOPSOIL AND PERMANENT SEEDING												
LANDSCAPING												
TEMP. EROSION CONTROL MAINTENANCE	*	*	*	*	*	*	*	*	*	*	*	*

\STORM & EROSION DETAILS\EROSION CONTROL TIMETABLE

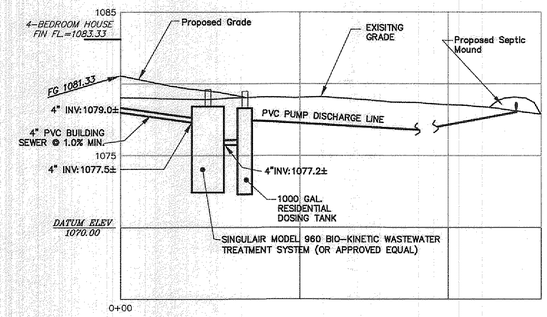
SEPTIC DESIGN DATA:
-Linear Loading Rate =3.0 Gal/Day/Ft
-Infiltration Loading Rate = 0.8 Gal/Day/Ft.Sq'd.
-Perched Seasonal Water Table 8"
-Bedrock >46"
-4 Bedroom House = 480 Gal/Day
-(See Mound Calculations For Additional Information)

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



Hydraulic Profile
N.T.S.



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 19th DAY OF SEPTEMBER, 2012, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

09/19/2012
DANIEL LAUX P.S. #7087 DATE

Approved as shown and/or noted
JAMES R. GILLIS, P.E.
County Drainage Engineer
By J.S. Date 11-26-12

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.

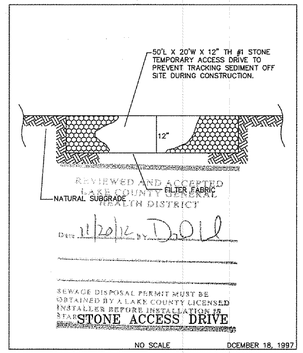
11/15/12
NAME DATE

BENCHMARK:
B.M. = T.B.M Set On Top Of Hydrant
Located As Noted
Elevation 1081.53

STATE OF OHIO DUSTIN J. HURLEY E-65516 REGISTERED PROFESSIONAL ENGINEER
STATE SEAL

"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.

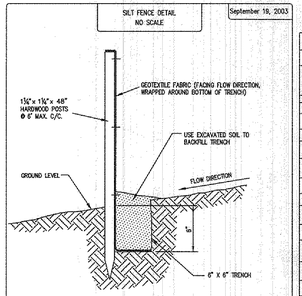
NAME



NO SCALE — DECEMBER 18, 1997

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	88.68'	65.00'	53.63'	82.73'	N06°32'28"E	78°03'10"
C2	29.93'	50.00'	15.43'	29.49'	N30°54'37"E	34°18'04"
C3	66.68'	1030.00'	33.34'	66.68'	N12°37'53"E	02°13'26"

SILT FENCE DETAIL — NO SCALE — September 19, 2003



TYPICAL CROSS SECTION

\STORM & EROSION DETAILS\SILT FENCE DETAIL

PERMANENT SEEDING SPECIFICATIONS

Seed Mix	lb./ac.	lb. / 1000sqft	Notes:
General Use			
Creeping Red Fescue	20-40	1/2-1	
Domestic Ryegrass	10-20	1/4-1/2	
Kentucky Bluegrass	10-20	1/4-1/2	
Tall Fescue	40	1	
Dwarf Fescue	40	1	
Steep Banks or Cut Slopes			
Tall Fescue	40	1	
Crown Vetch	10	1/4	Do not seed later than August.
Tall Fescue	20	1/2	
Flat Pea	20	1/2	Do not seed later than August.
Tall Fescue	20	1/2	
Road Ditches and Swales			
Tall Fescue	40	1	
Dwarf Fescue	90	2 1/4	
Kentucky Bluegrass	5		
Lawns			
Kentucky Bluegrass	60	1 1/2	
Perennial Ryegrass	60	1 1/2	
Kentucky Bluegrass	60	1 1/2	For Shaded areas.
Creeping Red Fescue	60	1 1/2	

Note: other approved seed species may be substituted.

Mulching
Straw mulch shall be unrotted small-grain straw applied at the rate of 2 tons/ac. or 90 lb./1,000 sq. ft. (two to three bales). The mulch shall be spread uniformly by hand or mechanically so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000 sq. ft. sections and spread two 45-lb. bales of straw in each section.

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

House Summary
-See Architect Plans For Complete House Dimensions.
-Utility Connections Per Plan; Contractor To Verify Location And Depth Of All Laterals.
-House Downspouts and Sump Pump Discharge to be tied into Storm Connection.

ESTIMATED IMPERVIOUS AREA
HOUSE: 0.07 Ac.
DRIVE: 0.04 Ac.
TOTAL: 0.11 Ac.

Note:
The following dimensions were used to establish proposed floor elevations:
Garage Floor + 1' = Top of Block
Top of Block + 1'-0" = First Floor
First Floor - 8.67' = Top Footer
Top Of Footer + 4' = Basement Floor
(13 Course Basement)

** NOTE: HOUSE DIMENSIONS AND FLOOR ELEVATIONS TO BE VERIFIED BY ARCHITECT & BUILDER.

Prepared For:
Don Helmsoth
Ph: 216-470-4083 (W)

SHEET 1 OF 2

SUBLOT 35
10485 ROCKING HORSE TRAIL
ROCKING HORSE FARMS
SUBDIVISION No. 2
CITY OF KIRTLAND-LAKE COUNTY-OHIO

CONTRACT No. 12131
DATE: 11/15/12
SCALE: HOR. 1"=30'
VERT.
FILENAME: Site Plan.dwg
TAB: Site Plan
DRAWN: JCK
FIELD: M.P.S.

SL 35 Rocking Horse