liment Control Schedule

drive complete with under lying geo-textile
wide and 50 feet long) for ingress and egress at
e installed. This drive shall be the only entrance
site.

all be installed prior to any earthwork activities
he locations shown on the site plan as well as
of any lot that slopes towards the street.

ing
of the site that are to remain idle for more than
shall be properly seeded and straw mulched
days of completion of initial grading.
ng and mulching of a thirty (30) foot strip of
of the lot shall be maintained on the site once
complete.

critical areas within fifty (50) feet of any stream
be complete within two (2) days of the
he site is to remain inactive for longer than
ys.

all be applied at a rate of 1 bale per every ten
b, at a width of thirty (30) feet of the entire
. Wood chips may also be used but must be
nimum depth of four inches over the thirty-foot
be accompanied by a properly installed silt

liment controls shall be inspected every seven (7)
24 hours of a 0.5" or greater rainfall event.
rs shall be made at this time.

sediment control specifications, applications, and
based on the descriptions and standards of The
t of Natural Resources "Rainwater and Land
nual" and can be found in the Lake County Erosion
ontrol Rules as adopted December 21,

osion and sediment control standards are the
s and shall not limit the right of the county to
time, additional, more stringent requirements. Nor
rds limit the right of the county to
individual requirements.

EROSION CONTROL TIMETABLE — September 22, 2003

ACCEPTABLE EROSION CONTROL TIMETABLE

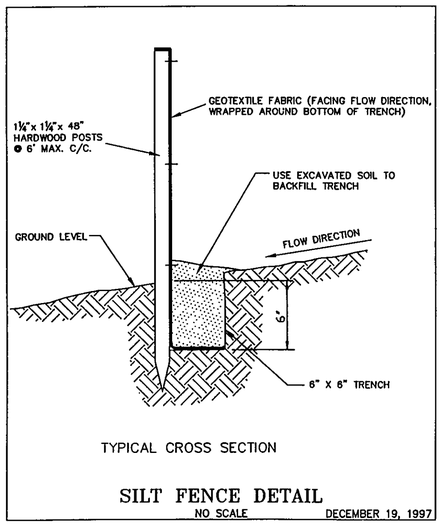
	J	F	M	A	M	J	J	A	S	O	N	D
			*	*	*	*	*	*	*			
			*	*	*	*	*	*	*			
			*	*	*					*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*

NG INSTALLED FROM MAY 15 - AUG. 15 WILL REQUIRE ADDITIONAL WATERING
OMOTE 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
DE CONTROL	*	*	*	*	*	*	*	*	*	*	*	*
DETENTION POND												
PERMANENT SEEDING												
N CONTROL MAINTENANCE	*	*	*	*	*	*	*	*	*	*	*	*

EROSION DETAILS\EROSION CONTROL TIMETABLE



TYPICAL CROSS SECTION

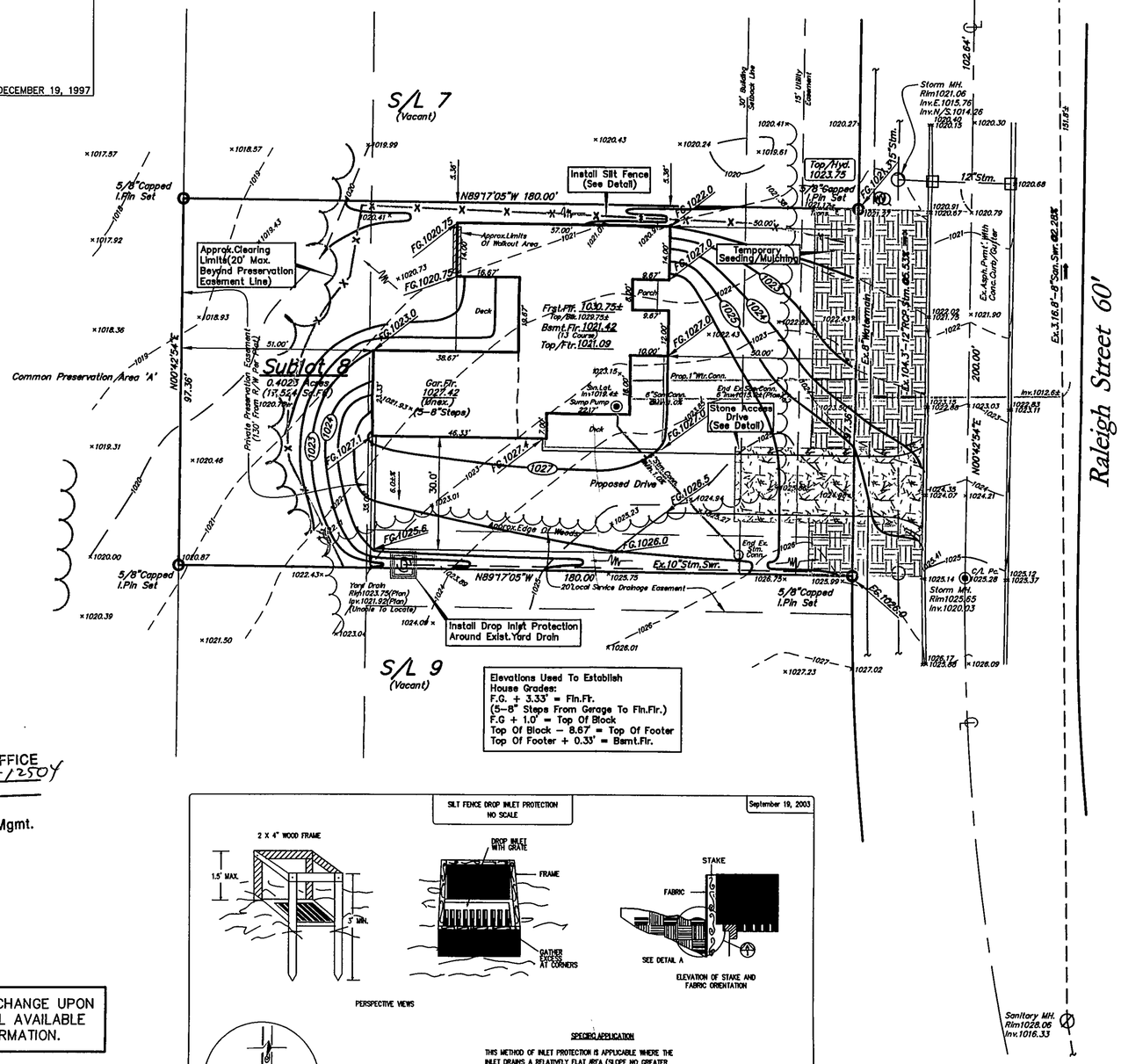
SILT FENCE DETAIL

NO SCALE — DECEMBER 19, 1997

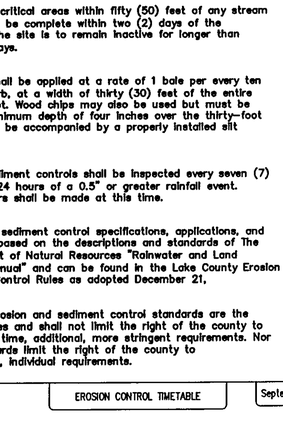
Temporary Seeding Specifications

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.
	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		

Note: other approved seed species may be substituted.



Elevations Used To Establish House Grades:
F.G. + 3.33' = Fin.Flr.
(5-8" Steps From Garage To Fin.Flr.)
F.G + 1.0' = Top Of Block
Top Of Block - 8.67' = Top Of Footer
Top Of Footer + 0.33' = Bsmt.Flr.



STONE ACCESS DRIVE

NO SCALE — DCEMBER 18, 1997

CONCORD TOWNSHIP ZONING OFFICE
Zoning Permit # 1105-1250Y
Date Issued 11/8/05
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.

NOTE: THIS SURVEY SUBJECT TO CHANGE UPON *RECEIPT OF* ANY ADDITIONAL AVAILABLE UNDERGROUND UTILITY 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
TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE
ON-MEMBERS MUST BE CALLED DIRECT

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

ESTIMATED IMPERVIOUS AREA
HOUSE: 0.07 Ac.
DRIVE: 0.08 Ac.
TOTAL: 0.15 Ac.

House Summary
3 Car, Side Entry, Left With Walkout Basemen
-See Architect Plans f Complete House Dime
-Utility Connections Pe Contractor To Verify L And Depth Of All Lat

NOTE -HOUSE DOWNSPOUTS TO BE CONNECTED TO EXIST. 6" STORM CONNECTION.
-SUMP PUMP TO DISCHARGE TO EXIST. 6" STORM CONNECTION.
-FINAL LOCATION OF DOWNSPOUTS TO BE VERIFIED WITH ARCHITECTURAL PLANS.

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 OCTOBER, 2005, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

Dustin R. Keeney, P.E.65515

Site & Grade Hse.

polaris Engineering & Surveying

POLARIS ENGINEERING & SU
34600 CHARDON ROAD - SUITE D
WILLOUGHBY HILLS, OHIO 44094
(440) 944-4433 (440) 944-37
www.polaris-es.com

DESIGN CERTIFICATION

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

NAME Dustin R Keeney 10/3 DA

BENCHMARK:

B.M. = T.B.M Set On Top Of Hydrant
Located As Noted
Elevation 1023.75

"AS-BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXI OBTAINED ON THE SITE _____ AND IS CORRECT TO THE MY KNOWLEDGE AND BELIEF.

NAME DA

Prepared For:
BREWSTER BUILDERS
Phn.(440)488-9234
CHARLESTON MODEL

Sublot 8
18Th. Century Village Subdivision
Concord Twp., Lake County, Ohio

DATE
SCAL
FILE

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 thirty (30) 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.

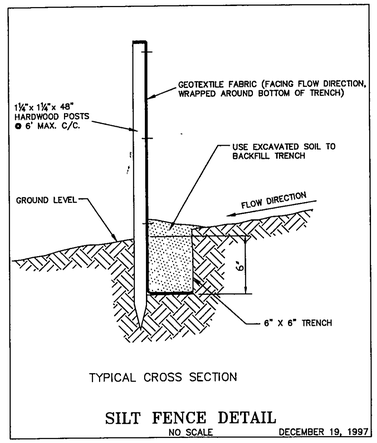
Stabilization of critical areas within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance if the site is to remain inactive for longer than fourteen (14) days.

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.



TYPICAL CROSS SECTION

SILT FENCE DETAIL
NO SCALE DECEMBER 19, 1997

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	*	*	*	*	*	*	*	*	*	*	*	*
STORM/WATER DETENTION POND												
UTILITIES												
FINE GRADING												
PAVING												
TOPSOIL AND PERMANENT SEEDING												
LANDSCAPING												
TEMP. EROSION CONTROL MAINTENANCE	*	*	*	*	*	*	*	*	*	*	*	*

\STORM & EROSION DETAILS\EROSION CONTROL TIMETABLE

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.
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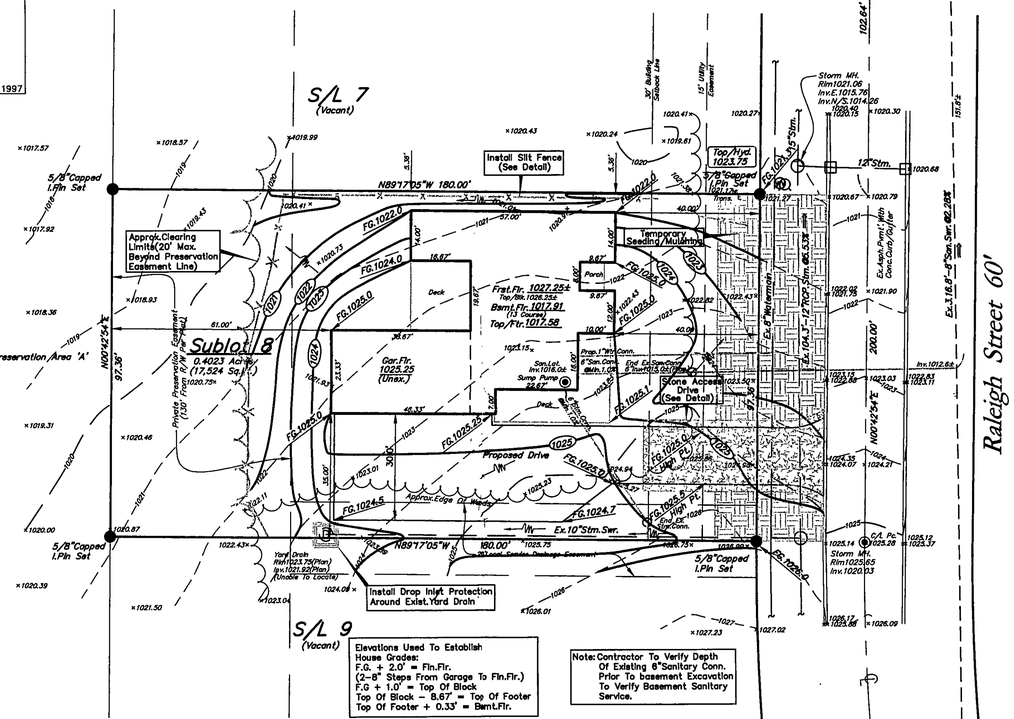
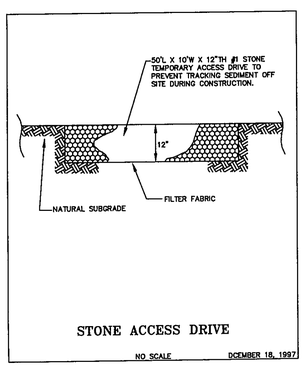
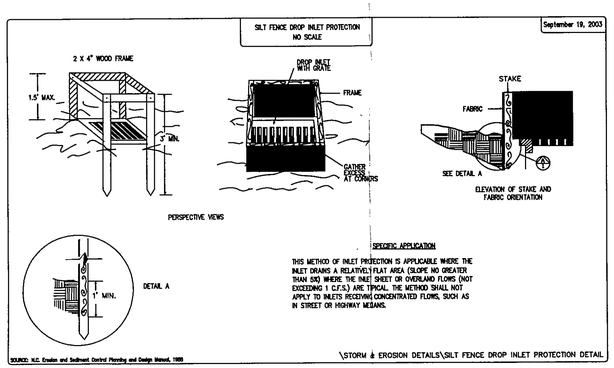




STONE ACCESS DRIVE
NO SCALE DECEMBER 18, 1997



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OHIO UTILITIES PROTECTION SERVICE
NON–MEMBERS MUST BE CALLED DIRECT

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

ESTIMATED IMPERVIOUS AREA
HOUSE: 0.07 Ac.
DRIVE: 0.07 Ac.
TOTAL: 0.14 Ac.

House Summary
3 Car, Side Entry, Left Hand With 13 Course Basement
–See Architect Plans For Complete House Dimensions.
–Utility Connections Per Plan; Contractor To Verify Location And Depth Of All Laterals.

NOTE –HOUSE DOWNSPOUTS TO BE CONNECTED TO EXIST. 6" STORM CONNECTION.
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Dustin R. Keeney, P.E.65515

Relocate/Regrade Hse., 10/22/05 G.S.V.
Site & Grade Hse., 10/31/05 G.S.V.

polaris Engineering & Surveying
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 11/22/05
NAME DATE

BENCHMARK:

B.M. = T.B.M Set On Top Of Hydrant
Located As Noted
Elevation 1023.75

STATE OF OHIO DUSTIN R. KEENEY E–65515 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 DATE

Prepared For:
BREWSTER BUILDERS
Phn.(440)488–9234
CHARLESTON MODEL

Sublot 8
18Th. Century Village Subdivision
Concord Twp., Lake County, Ohio

CONTRACT No. 05867
DATE: 11/22/05
SCALE: HOR. 1"=20' VERT.
FILENAME: sublot 8 siteplan.dwg

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer,
By J.S. Date 11/25/05
REVISED