

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.

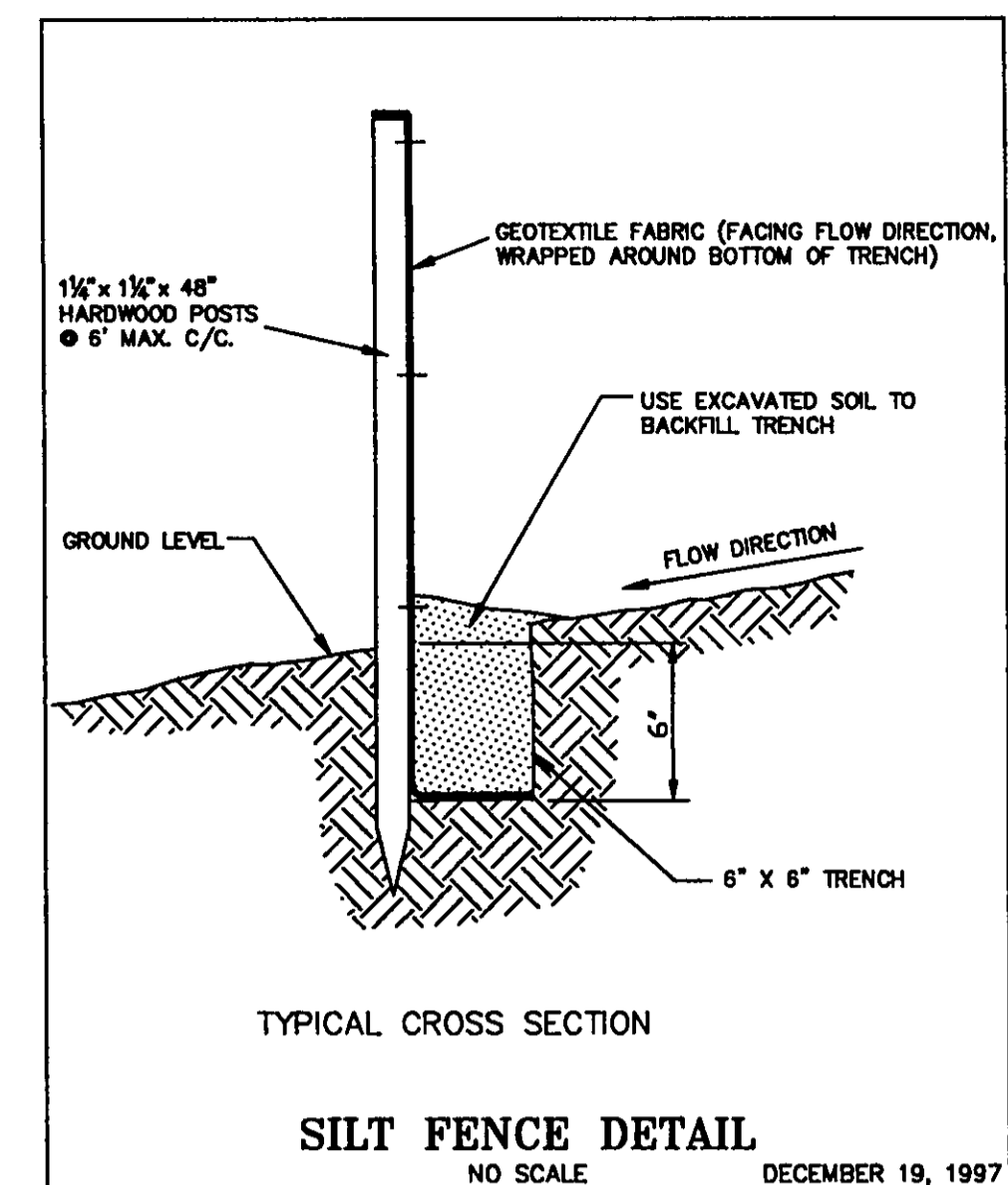
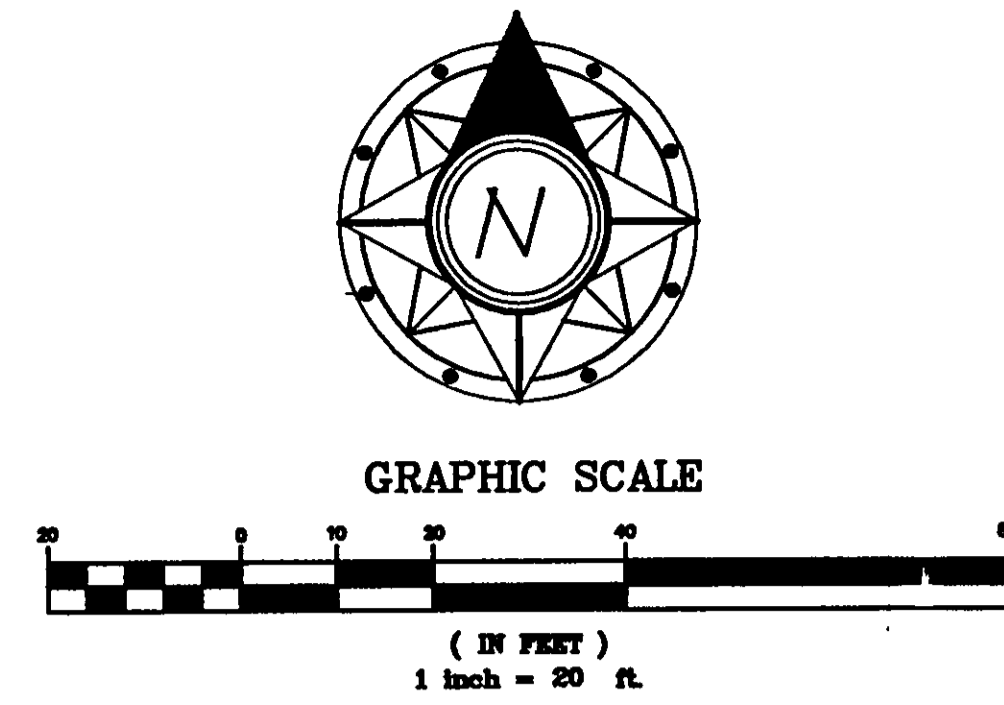
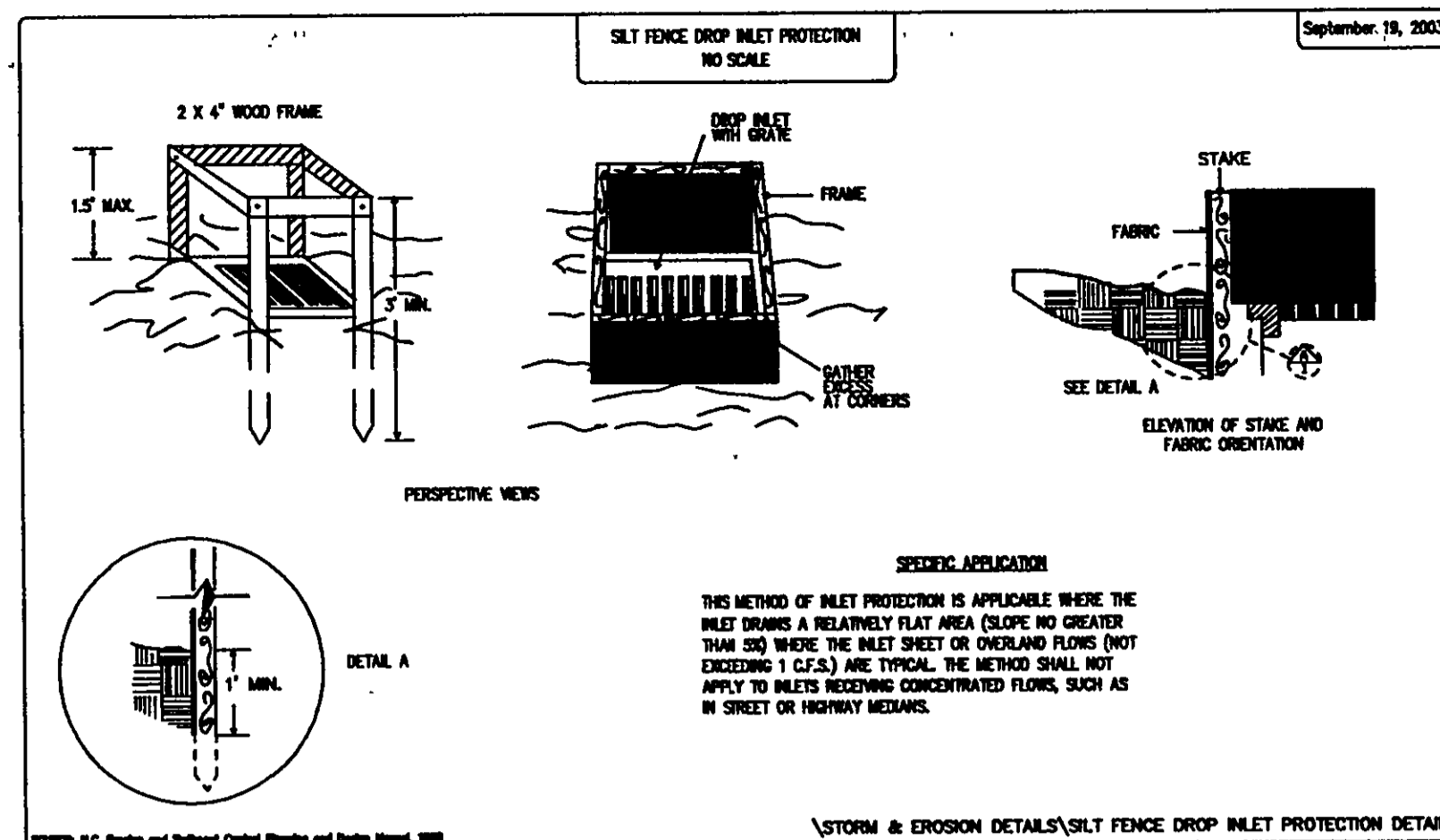
Note:
All erosion and sediment control specifications, applications, and timetables are based on the descriptions and standards of The Ohio Department of Natural Resources "Rainwater and Land Development Manual" and can be found in the Lake County Erosion and Sediment Control Rules as adopted December 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.

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.
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.
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.



ESTIMATED IMPERVIOUS AREA
HOUSE: 0.07Ac
DRIVE: 0.05Ac
TOTAL: 0.12Ac

House Summary
Add #145 Humphrey Hill Drive
3-Car Side Entry, Right Hand
with Full 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 TIED INTO EXISTING STORM SYSTEM.
-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 23rd DAY OF MAY, 2005, 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. 65513

Site & Grade Hse., 6-3-05 G.S.V.

EROSION CONTROL TIMETABLE September 22, 2003

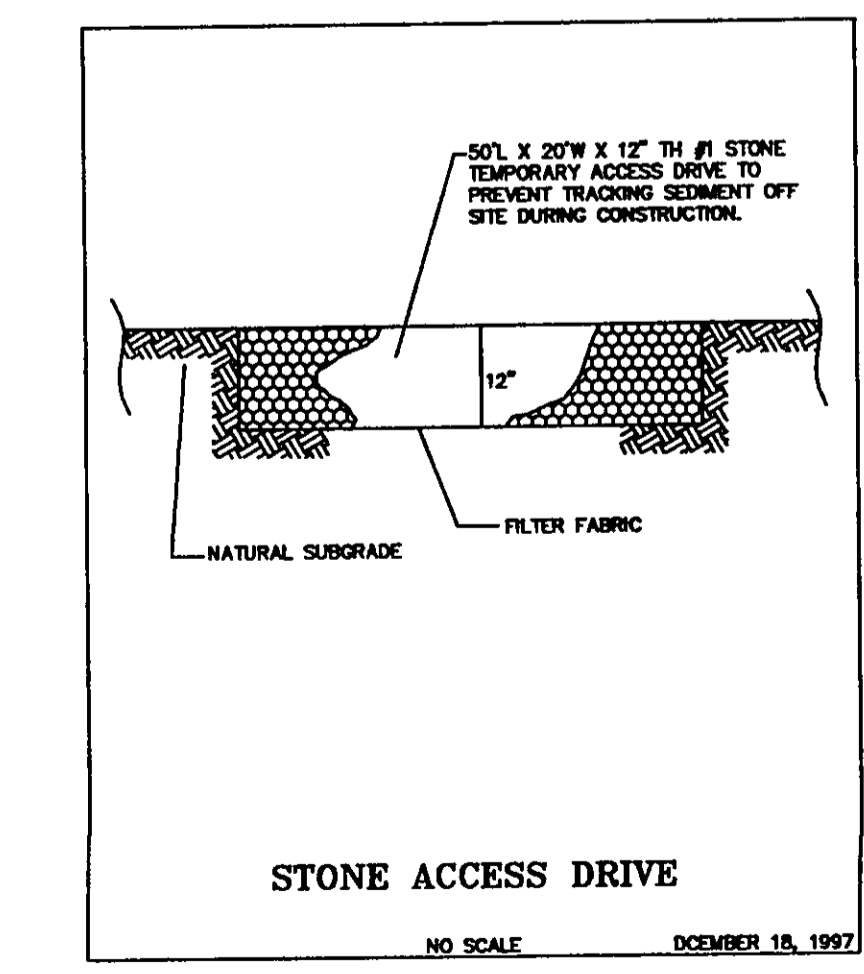
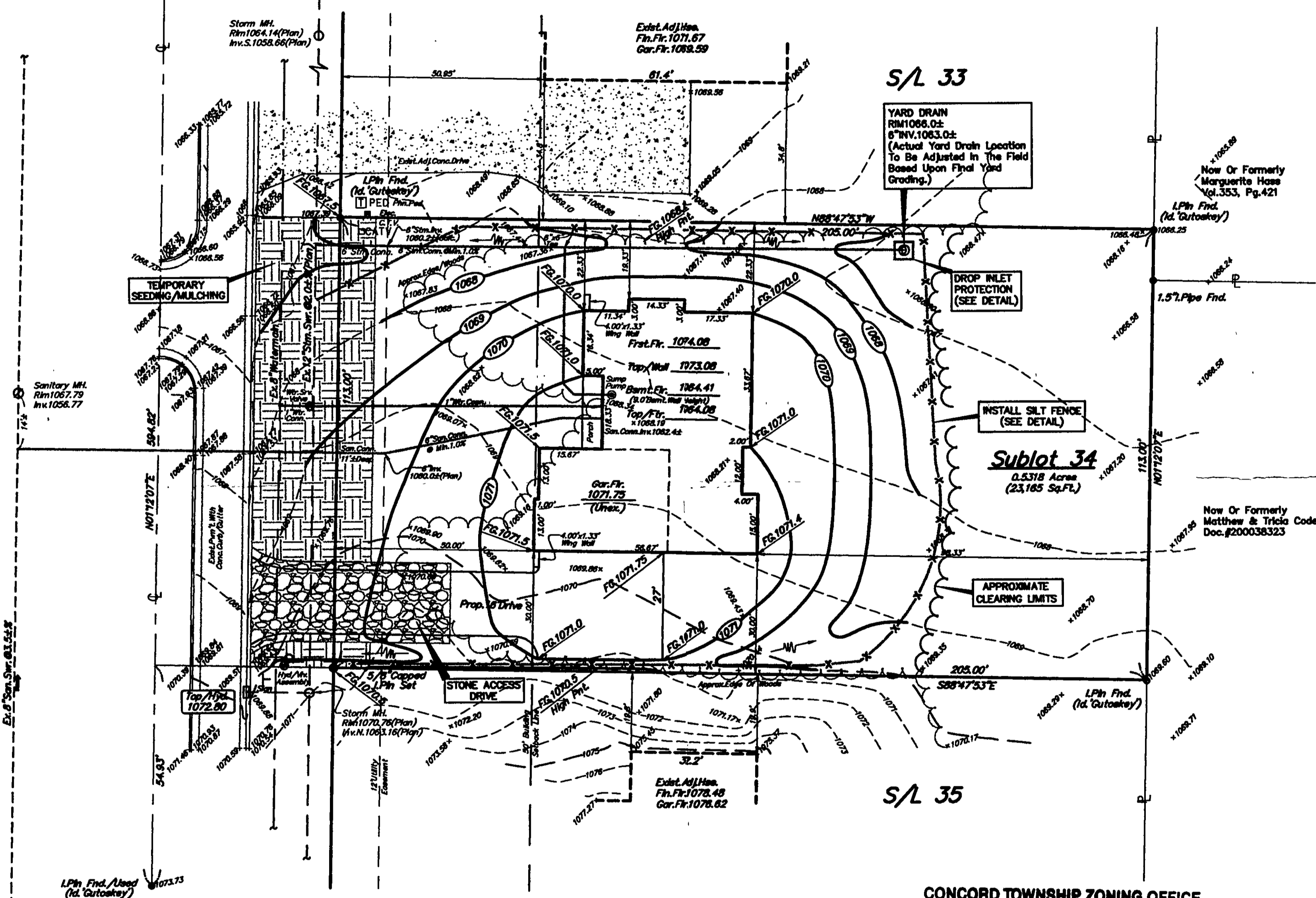
ACCEPTABLE EROSION CONTROL TIMETABLE

TEMP. SEEDING	MULCHING	SILT FENCE	STAKE	WOOD CHIPS	STRAW MULCH	STAKE	WOOD CHIPS	STRAW MULCH	STAKE	WOOD CHIPS	STRAW MULCH
*	*	*	*	*	*	*	*	*	*	*	*

SCHEDULE OF MAJOR CONSTRUCTION OPERATIONS

OPERATION	START	END	STATUS
CLEARING	*	*	*
TEMP. SEEDING	*	*	*
MULCHING	*	*	*
SILT FENCE	*	*	*
STAKE	*	*	*
WOOD CHIPS	*	*	*
STRAW MULCH	*	*	*
STAKE	*	*	*
WOOD CHIPS	*	*	*
STRAW MULCH	*	*	*

Humphrey Hill Drive 90'



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

Prepared For:
River Oaks Homes
P.O. Box 754
Painesville, Ohio 44077
Phn. (440) 259-0087
Fax (440) 357-8848
The BRUNO Residence

polaris
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
NAME DATE 6/3/05

BENCHMARK:
B.M. = T.B.M Set On Top Of Hydrant
Located Located In Front Of S/L 34;
Elevation 1072.80

STATE OF OHIO
DUSTIN R. KEENEY
P.E. 65513
PROFESSIONAL ENGINEER

"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 34
Mountainside Farms
Subdivision
Concord Twp., Lake County, Ohio

CONTRACT No.
05764
DATE: 5/31/05
SCALE: HOR. 1"=20'
VERT. _____
FILENAME: subplot34.dwg

By *L.S.* date 6/14/05
SWALE ALONG PROPERTY LINES

SITE PLAN

CONCORD TWP., LAKE COUNTY, OHIO

for: **RIVER OAKS HOMES**

CLIENT: _____ OWNER: _____
 ADDRESS: _____ STREET: _____ CITY: _____ ZIP: _____

MOUNTAIN SIDE FARMS
 SUBDIVISION: 43-29 NAME: _____ TRACT: _____ STREET: _____
 VOL.-PG. HUMPHREY HILL LOT: _____
 34 SUBLot NO. STREET: _____ VOL.-PG. PERM. PARCEL NO. _____

LEGEND

SANITARY MANHOLE --- (Symbol) --- EXIST. ELEV. --- PROP. ELEV. ---
 STORM MANHOLE --- (Symbol) --- AS BUILT ELEVATION ---
 INLET OR CATCH BASIN --- (Symbol) --- INDICATES DIRECTION OF SURFACE DRAINAGE ---
 HYDRANT --- (Symbol) ---
 EXISTING CONTOURS --- (Symbol) ---
 PROPOSED CONTOURS --- (Symbol) ---

REMARKS

ALL BOUNDARY DATA SHOWN WAS OBTAINED FROM (DEEDS, RECORDED SUBDIVISION PLAT OR OTHER PUBLIC RECORDS)

LOCATIONS AS SHOWN OF ADJACENT WELLS AND SEPTIC TANKS OBTAINED FROM LAKE COUNTY HEALTH DEPARTMENT

DESIGN CERTIFICATION

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

NAME: *[Signature]* SURVEYOR REGISTRATION NO. 10343

CHECK LIST

NO. OF BEDROOMS	WATER MAIN SIZE, LOCATION
DIMENSIONS	SAN. SEWER SIZE & GR. LOC.
BEARINGS	SAN. MH. CAST. ELEV. INV. ELEV.
TIE TO NEAREST STREET	SAN. CONN. SIZE, LOC. DEPTH
SUBLot NO. PARCEL NO.	STORM SEWER SIZE & GR. LOC.
SURROUNDING OWNERS	STORM MH. CAST. ELEV. INV. ELEV.
BLDG. DIMENSIONS FIN GR.	PAVT TYPE GRADE CURBS
BLDG. TIES FL'R. GRADES	GAS LINE LOC. SIZE PRESSURE
APRON TYPE WIDTH THICKNESS	SEPTIC TANK LOCATION & DUPLICATION AREA
SIDEWALK TYPE WIDTH THICKNESS	WELL LOCATION
CULVERT TYPE DIA., LENGTH	ISOLATION RADIUS FROM WELL
ROCK OUTCROPPINGS	

REVISIONS

NO.	DATE	BY
1		
2		
3		
4		
5		

PLAN PREPARED BY: **BABCOCK · JONES & ASSOCIATES, INC.**
 PAINESVILLE, OHIO

DRAWN BY	N.S.	SCALE	1" = 20'	PHONE NO.	440-357-1011
CHK'D.	.H.J.	DATE	9/20/04	DRAWING NO.	03-007-34
CREW CHIEF	E.W.H.	APP'D	H.J.		

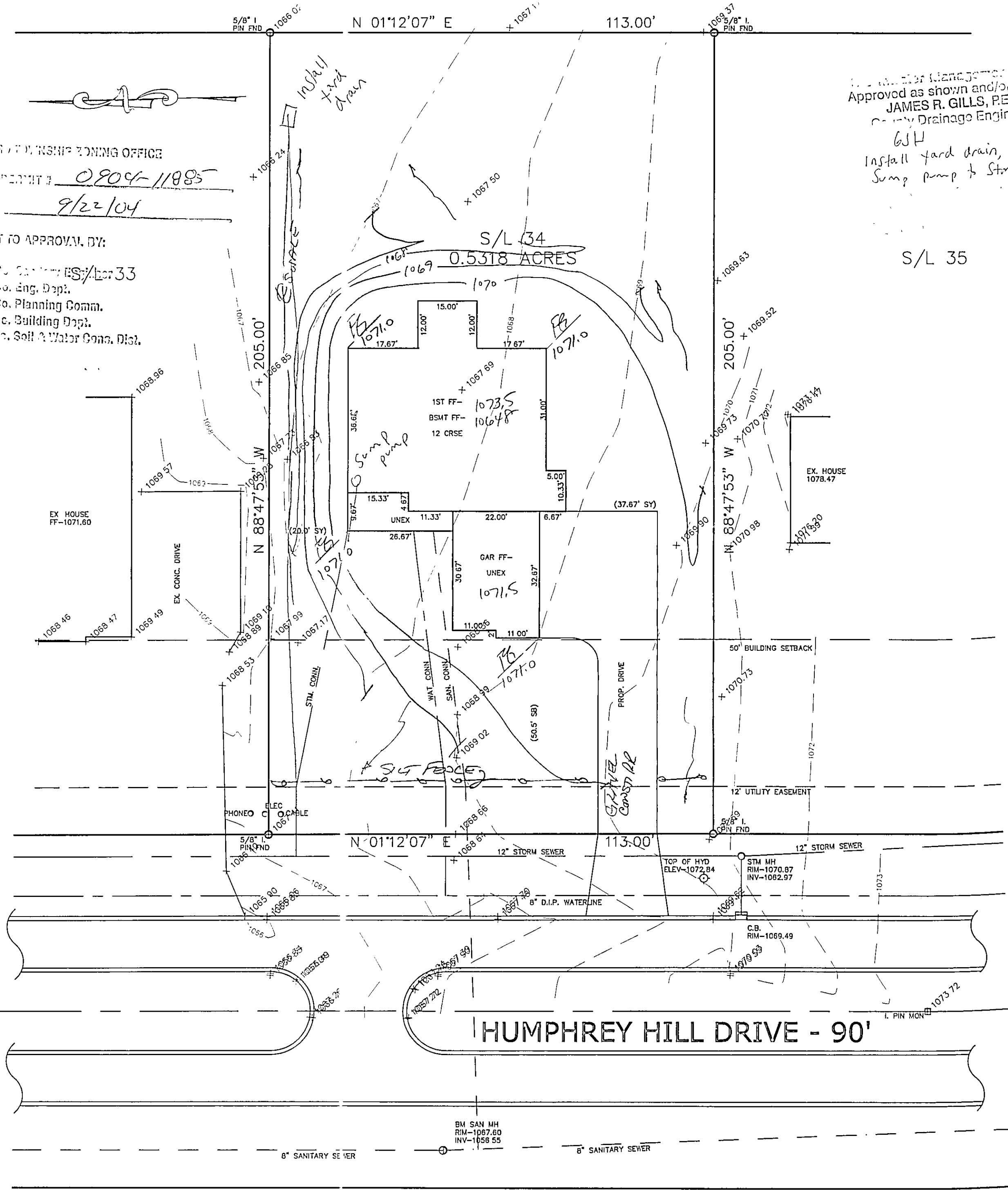
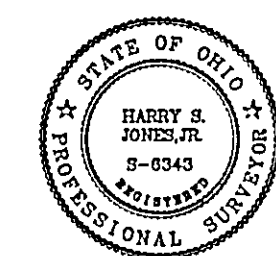
"AS BUILT" CERTIFICATION

I, HEREBY CERTIFY THAT THE CIRCLED GRADES ARE EXISTING FINISH GRADES CHECKED IN THE FIELD ON 9/20/04, 2004 AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED SURVEYOR _____ REG. NO. _____

BM SANITARY MANHOLE
 ELEV-1067.60

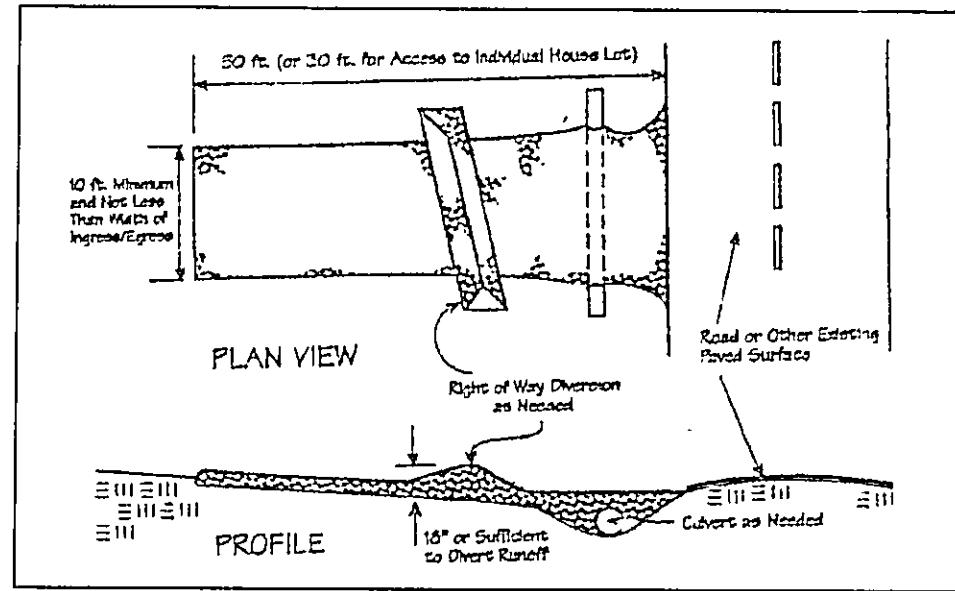
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CONCORD TOWNSHIP ZONING OFFICE
 PERMIT # 0804-11885
 ISSUED 9/2/04

- SUBJECT TO APPROVAL, BY:
- Lake Co. Eng. Dept.
 - Lake Co. Planning Comm.
 - Lake Co. Building Dept.
 - Lake Co. Soil & Water Cons. Dist.

Approved as shown and/or modified by
JAMES R. GILLS, P.E.
 County Drainage Engineer
 614
 Install yard drain, discharge
 Sump pump to Str. con.



Temporary Seeding Species Selection			
Seeding Dates	Species	Lb./1,000 ft. ²	Per Ac.
March 1 to August 15	Oats	3	4 bushel
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CONCORD TOWNSHIP, LAKE COUNTY, OHIO
 for: RIVER OAKS HOMES
 CLIENT OWNER
 ADDRESS STREET CITY ZIP
MOUNTAINSIDE FARMS
 SUBDIVISION 43-29 NAME TRACT
34 VOL-PG. HUMPHREYS HILL LOT STREET
 SUBLOT NO. STREET VOL-PG. PERM. PARCEL NO.

LEGEND

SANITARY MANHOLE --- ○ --- EXIST. ELEV. 100.0 PROP. ELEV. 100.0

STORM MANHOLE --- □ --- AS BUILT ELEVATION

INLET OR CATCH BASIN --- ○ --- INDICATES DIRECTION OF SURFACE DRAINAGE

HYDRANT --- ⊙ ---

EXISTING CONTOURS --- - - - - -

PROPOSED CONTOURS --- ————

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DESIGN CERTIFICATION

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

NAME Harry S. Jones, Jr. SURVEYOR REGISTRATION NO. #6343

CHECK LIST

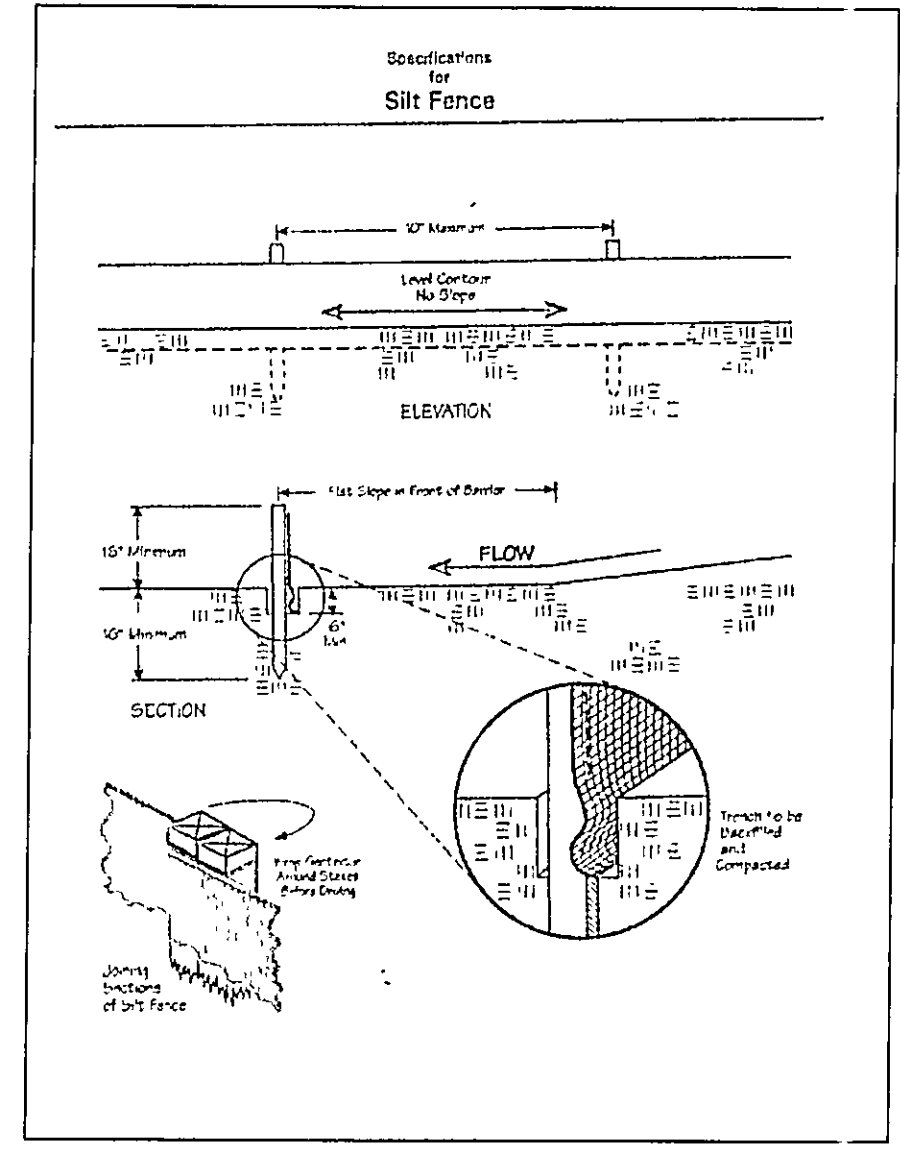
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CULVERT TYPE D.I.A., LENGTH	ISOLATION RADIUS FROM WELL
ROCK OUTCROPPINGS	

REVISIONS			PLAN PREPARED BY:	
NO.	DATE	BY	BABCOCK · JONES & ASSOCIATES, INC.	
1			PAINESVILLE, OHIO	
2			DRAWN BY <u>BP</u>	SCALE <u>---</u> PHONE NO. <u>440-357-1811</u>
3			CHK'D. <u>HST</u>	DATE <u>9/20/14</u> DRAWING NO. <u>03-007-34</u>
4			CREW CHIEF <u>---</u>	APP'D <u>HST</u>
5				

"AS BUILT" CERTIFICATION

I, HEREBY CERTIFY THAT THE CIRCLED GRADES ARE EXISTING FINISH GRADES CHECKED IN THE FIELD ON _____, 20____ AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED SURVEYOR REG. NO.



Erosion and Sediment Control Schedule

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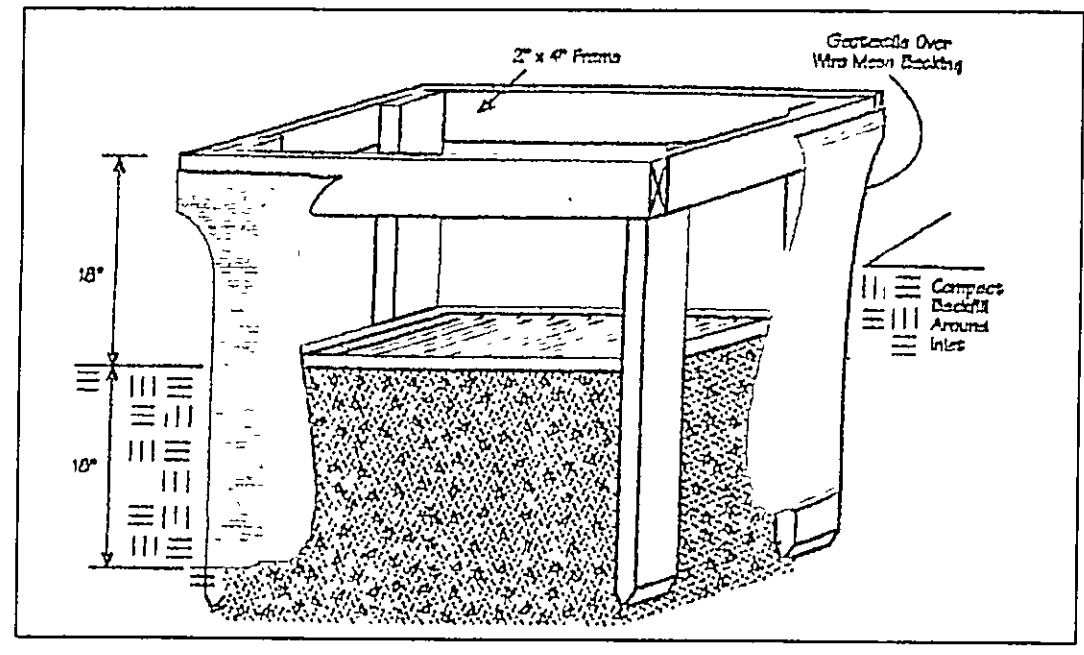
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 Erosion and sediment controls shall be inspected every seven(7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.



"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 18th day of Sept, 2014 and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon."

Name Harry S. Jones, Jr. #6343 Reg. No.

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