SITE PLAN

for : Jim Owen — CLIENT

P.O. Box 523 — ADDRESS — STREET — CITY

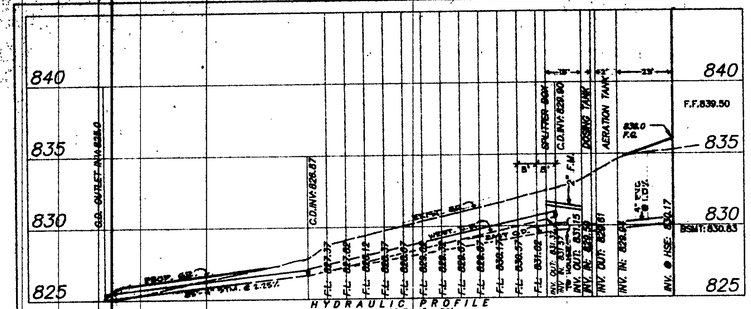
40 — SUBLOT No. — Cali Woods #2 — SUBDIVISION NAME — 31 — VOL. — 4 — PAGE

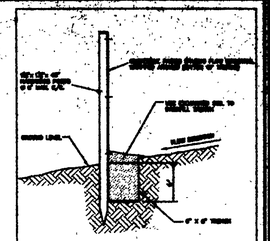
LOT — TRACT — Concord — TOWNSHIP — PARCEL

SEPTIC NOTE:
THE SEWAGE SYSTEM INDICATED ON THIS SITE AND GRADING PLAN IS SHOWN FOR THE PURPOSE OF ESTABLISHING THE SIZE, ISOLATION REQUIREMENTS AND ELEVATIONS ACCEPTABLE TO THE COUNTY HEALTH DISTRICT AND NO GUARANTEE OF ITS OPERATION IS IMPLIED OR ASSUMED BY LDC. Inc.

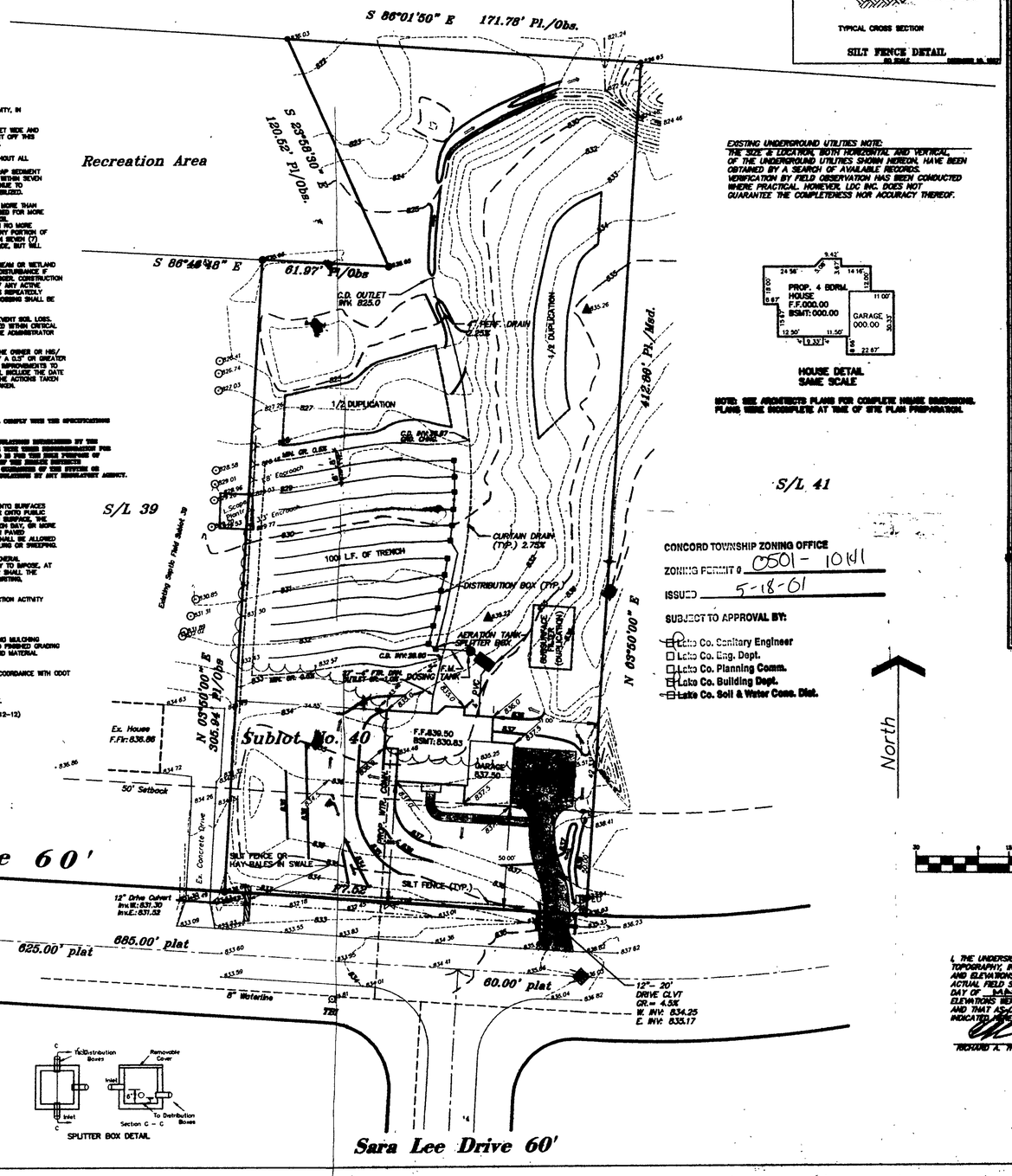
2 WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

Far Hills Subdivision
Vol.V, Pg.14





SILT FENCE DETAIL
NO SCALE



EXISTING UNDERGROUND UTILITIES NOTE:
THE SIZE & 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, LDC INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

HOUSE DETAIL
SAME SCALE

NOTE: SEE ARCHITECTS PLANS FOR COMPLETE HOUSE DIMENSIONS. PLANS WERE INCOMPLETE AT TIME OF SITE PLAN PREPARATION.

CONCORD TOWNSHIP ZONING OFFICE
ZONING PERMIT # 0501 - 1041
ISSUED 5-18-01

SUBJECT TO APPROVAL BY:
- ☐ Lake Co. Sanitary Engineer
- ☐ Lake Co. Eng. Dept.
- ☐ Lake Co. Planning Comm.
- ☑ Lake Co. Building Dept.
- ☐ Lake Co. Soil & Water Cons. Dist.

LAND DESIGN consultants
www.LDCinc.net
ENGINEERS · PLANNERS · SURVEYORS
8585 East Antioch Mentor, Ohio 44060 TEL: (440) 255-9465 (440) 951-LAND FAX: (440) 255-9575
1471 East Industrial Pkwy. Avon, Ohio 44011 TEL: (440) 937-3400 (440) 937-3401 FAX: (440) 937-3403

DESIGN CERTIFICATION

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

5-10-01
NAME

CHECK LIST

LOT DIMENSIONS & BUILDING
TO SETBACKS
EASEMENTS
EXISTING STRUCTURES
EXISTING WATER WELLS
EXISTING SEWAGE SYSTEMS
WITHIN 200 FT. OF SITE
SOIL BORINGS
SOIL MOTTLING
SOIL PERCOLATION RATES
SOIL ISOLATION DISTANCES
SEWAGE SYSTEM DESIGN
SEWAGE SYSTEM LAYOUT
SEWAGE SYSTEM ISOLATION
SEWAGE SYSTEM ELEVATIONS
SEWAGE SYSTEM & DUPLICATION
WELL LOCATION & ISOLATION RADIUS

STATE OF OHIO — RICHARD A. THOMPSON JR. S-7388 — PROFESSIONAL SURVEYOR
STATE SEAL

"AS BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE May 4th 20 01 AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME

LEGEND

SEWER MANHOLE
SANITARY MANHOLE
CATCH BASIN
EXISTING CONTOURS
CONC. CURB, TOP
900.0 PROP. ELEV.
DIRECTION OF SURFACE DRAINAGE

	DRAWN BY	SCALE
	JBR/kite	1"=30'
	CHK'D BY	DATE
	RAT	May 2001
1		
2		

ACCEPTED — SURVEY — DATE

BENCHMARK:
Top/Hydrant in front of Sublot 40
Elevation: 835.81

Grading Plan Approved as shown and/or noted
JAMES R. GILLS, P.E.
Lake County Engineer
By _____ Date 5/22/01

ROOF DRAINS SHALL DISCHARGE TO SPLASH BLOCKS.

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

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 4TH DAY OF MAY 2001, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS-OF THAT DATE THEY EXISTED AS INDICATED HEREON.

RICHARD A. THOMPSON PS-7388

JOB NAME OWENJ1-010

TEMPORARY SEEDING AND MULCH MATERIALS

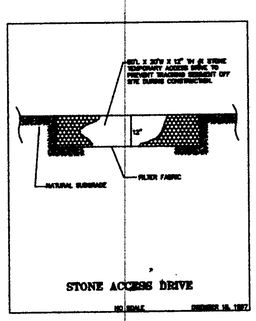
NO SCALE — DEC. 17, 1999

TEMPORARY SEEDING		
SEEDING TYPE TO ADDRESS SITE	PER 1000 SQUARE FEET	PER ACRE
1. RYE OR ANNUAL RYEGRASS	1 POUND	120 POUNDS
2. PERENNIAL RYEGRASS	1 POUND	120 POUNDS
3. TALL FESCUE	1 POUND	120 POUNDS
SEEDING TYPE TO SUPPLEMENT LTVT	PER 1000 SQUARE FEET	PER ACRE
1. ANNUAL RYE OR SPRING OATS	1 POUND	120 POUNDS
2. RYE OR PERENNIAL RYEGRASS	3-3-5 POUNDS	240 POUNDS
3. TALL FESCUE	1 POUND	120 POUNDS

TABLE 5-5-1
CRITICAL MULCH MATERIALS AND APPLICATION RATES

MULCHES	LB/1000 SQ. FT.	TONS/ACRE	ACRES
STRAW OR HAY	2 TONS ANCHORED 300lb	90 LBS. PER 1000 SQ. FT.	[illegible]
FIBER MULCH	300lb	35 LBS.	[illegible]
CORN STALKS	4-6 TONS	180-270 LBS.	[illegible]
WOOD CHIPS	4-6 TONS	180-270 LBS.	[illegible]
BARK CHIPS SHREDDED BARK	30-50 CU. YDS.	1-2 CU. YDS.	[illegible]

* MULCH SHOULD BE ANCHORED IN ALL CASES. ANCHORING OF FIBER MULCH TYPES SHOULD BE DONE APPLICATION PER MANUFACTURER'S RECOMMENDATIONS.



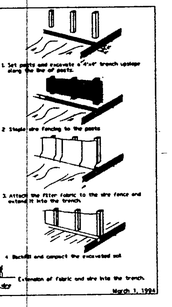
STONE ACCESS DRIVE
NO SCALE — DECEMBER 16, 1997

SILT FENCE: This sediment barrier utilizes standard strength or extra strength synthetic filter fabrics. It is designed for situations in which only short or occasional flows are expected. See diagram.

1. The height of a silt fence shall not exceed 36 inches (higher fences may impound volumes of water sufficient to cause failure of the structure).
2. The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap and securely sealed.
3. Posts shall be spaced a maximum of 10 feet apart at the barrier location and driven securely into the ground (minimum of 12 inches). When extra strength fabric is used without the wire mesh support fence, Post spacing shall not exceed 6 feet.
4. A trench shall be excavated approximately 4 inches wide and 4 inches deep along the line of posts and upslope from the barrier.
5. When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy duty wire staples at least 1 inch long, tie wires of hog rings. The wire shall extend into the trench a minimum of 2 inches and shall not extend more than 30 inches above the original ground surface.
6. The standard strength filter fabric shall be stapled or wired to the fence, and 8 inches of the fabric shall be extended into the trench. The fabric shall not exceed more than 32 inches above the original ground surface. Filter fabric shall not be stapled to the existing trees.
7. When extra strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated. In such case, the filter fabric is stapled or wired directly to the posts with all other provisions of item No. 6 applying.
8. The trench shall be backfilled and soil compacted over the filter fabric.
9. Silt fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized.

MAINTENANCE

1. Silt fences and filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
2. Should the fabric on a silt fence or filter barrier decompose or become ineffective prior to the end of the expected usefulness this and the barrier is still necessary, the fabric shall be replaced promptly.
3. Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.
4. Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall be leveled to conform with the existing grade, prepared and seeded.



SILT FENCE
NO SCALE — March 1, 1994

REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL HEALTH DISTRICT
Date 5-15-01 BY David L.

SEWAGE DISPOSAL PERMIT MUST BE OBTAINED BY A LAKE COUNTY LICENSED INSTALLER BEFORE INSTALLATION IS STARTED

EROSION CONTROL PLAN & SCHEDULE

SILT FENCE IS TO BE INSTALLED PRIOR TO ANY EARTHWORK ACTIVITY, IN LOCATION SHOWN ON PLANS, PER DETAIL.

STONE SHALL BE INSTALLED IN FUTURE DRIVEWAY AREA 30 FEET WIDE AND 50 FEET LONG TO PREVENT VEHICLES FROM TRACKING SEDIMENT OFF THIS SITE INGRESS AND EGRESS TO BE LIMITED TO THIS AREA ONLY.

SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT ALL PHASES OF EARTH DISTURBING ACTIVITY. SETTLING FACILITIES, PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE OPERATIONAL ON THE FIRST STEP OF GRADING AND WITHIN SEVEN (7) DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE DISTURBED AREA IS PERMANENTLY RESTABILIZED.

DISTURBED AREAS SHALL HAVE SOIL STABILIZATION WITHIN NO MORE THAN SEVEN (7) DAYS IF THEY ARE TO REMAIN DORMANT UNDISTURBED FOR MORE THAN THIRTY-FIVE (35) DAYS. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN NO MORE THAN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE, AND SHALL ALSO BE APPLIED WITHIN NO MORE THAN SEVEN (7) DAYS TO DISTURBED AREAS WHICH MAY NOT BE AT FINAL GRADE, BUT WILL REMAIN DORMANT FOR LONGER THAN THIRTY-FIVE (35) DAYS.

STABILIZATION OF CRITICAL AREAS WITHIN 50 FEET OF ANY STREAM OR WETLAND SHALL BE TEMPORARILY STABILIZED WITHIN TWO (2) DAYS OF DISTURBANCE IF AREA WILL REMAIN INACTIVE FOR FOURTEEN (14) DAYS OR LONGER. CONSTRUCTION VEHICLES SHALL AVOID STREAMS AND THEIR BUFFER AREAS, IF ANY ACTIVE DRAINAGE MAY MUST BE CROSSED BY CONSTRUCTION VEHICLES REPEATEDLY DURING CONSTRUCTION, AN APPROVED TEMPORARY STREAM CROSSING SHALL BE CONSTRUCTED.

SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED TO PREVENT SOIL LOSS. STABILIZATION SHALL BE REQUIRED IF STOCKPILES ARE LOCATED WITHIN CRITICAL AREAS NEAR STREAM OR WETLANDS, OR IF DETERMINED BY THE ADMINISTRATOR THAT SEDIMENT FROM STOCKPILES WILL LEAVE THE SITE.

SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED BY THE OWNER OR HIS/HER AGENT EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL EVENT. A WRITTEN LOG OF THESE INSPECTIONS AND IMPROVEMENTS TO CONTROLS SHALL BE KEPT ON SITE. THESE INSPECTIONS SHALL INCLUDE THE DATE OF INSPECTION, NAME OF INSPECTOR, WEATHER CONDITIONS, THE ACTIONS TAKEN TO CORRECT ANY PROBLEMS AND THE DATE ACTIONS WERE TAKEN.

SEPTIC SYSTEM NOTES

1.) ADEQUATE AND PERMITTED WORK, AS PER DESIGNER, SHALL COMPLY WITH THE SPECIFICATIONS OF THE LAKE COUNTY GENERAL HEALTH DISTRICT.

2.) THE DESIGN OF THIS SEPTIC SYSTEM IS BASED UPON INSTALLATION REQUIREMENTS BY THE LAKE COUNTY GENERAL HEALTH DISTRICT AND IS CURRENT AS OF THE DATE PRIOR TO THE FIRST PURCHASE OF INSTALLATION MATERIAL, EQUIPMENT AND OTHER PURCHASES OF THE OWNER. THE OWNER OR INSTALLER IS RESPONSIBLE FOR ANY CHANGES IN THE DESIGN OF THE SYSTEM OR ITS COMPONENTS TO PERMIT IN COMPLIANCE WITH ANY REGULATIONS BY ANY REGULATORY AGENCY.

MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACE WHERE RUNOFF IS NOT CONTROLLED BY SEDIMENT CONTROLS, OR ONTO PUBLIC ROADS. WHERE SOIL IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY AS NECESSARY. SOIL SHALL BE REMOVED FROM PAVED SURFACES BY SHOVELING OR SWEEPING. STREET WASHING SHALL BE ALLOWED ONLY AFTER MOST SEDIMENT HAS BEEN REMOVED BY SHOVELING OR SWEEPING.

THE ABOVE SPECIFIED EROSION CONTROL STANDARDS ARE 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.

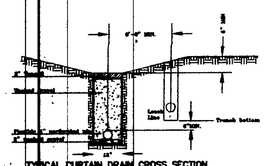
PERMANENT SEEDING TO BE INSTALLED AFTER ALL CONSTRUCTION ACTIVITY IS COMPLETE.

SEEDING AND MULCHING NOTES

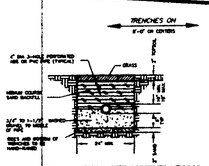
SEDIMENT CONTROL SHALL BE ACCOMPLISHED BY SEEDING AND MULCHING IMMEDIATELY UPON COMPLETION OF EXCAVATION OF FILL AND FINISHED GRADING IN ACCORDANCE WITH ITEM 659, OHIO DOT CONSTRUCTION AND MATERIAL SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

THE FOLLOWING MIXTURE SHALL BE USED FOR SEEDING IN ACCORDANCE WITH ODOT ITEM 659.

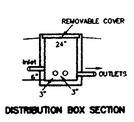
KENTUCKY BLUE GRASS-	40%
CREEPING RED FESCUE-	40% 3#/ 1000 S.F.
PERENNIAL RYEGRASS-	20%
FERTILIZER-	20#/ 1000 S.F. (12-12-12)
MULCH-STRAW/ 3 TONS/ ACRE	



TYPICAL CURTAIN DRAIN CROSS SECTION



TYPICAL EVAPOTRANSPIRATION TRENCH DETAIL



DISTRIBUTION BOX SECTION

SPLITTER BOX DETAIL