SITE PLAN

For : Jim Lucas
CLIENT

ADDRESS STREET CITY

5 & 6 SUBLOT No. | Hemlock Ridge SUBDIVISION NAME | 29 VOL. | 23 PAGE

48/64 LOT TRACT | Leroy CITY/TOWNSHIP | OHIO

Prepared By:
L.D.C. Inc. d.b.a.
LAND DESIGN consultants
Civil Engineers and Surveyors
8565 EAST AVENUE · MENTOR, OHIO 44060
TELEPHONE 255-8463 354-8936 931-LAND

DESIGN CERTIFICATION

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

Richard A. Thompson 4-26-00
NAME

CHECK LIST

LOT DIMENSIONS & BEARINGS
TIE TO NEAREST STREET
SUBLOT No. (PARCEL No.)
SURROUNDING OWNERS
BUILDING DIMENSIONS
SETBACK, SIDEYARD, REARYARD
FINISHED GRADES
DRIVE & APRON TYPE, WIDTH, THICKNESS
SIDEWALK TYPE, WIDTH, THICKNESS
CULVERT TYPE, DIAM., LENGTH
WATER MAIN SIZE, LOCATION
SAN. SEWER STY. & GRADE LOC.
SAN. SEWER CAST. ELEV., INV. ELEV.
SAN. CONN. SIZE & GRADE LOC.
STORM SEWER STY. & GRADE LOC.
STORM MH. CAST. ELEV., INV. ELEV.
PAVT TYPE, GRADE, CLASS
GAS LINE LOC., SIZE
SEPTIC SYSTEM & DUPLICATION
WELL LOCATION & ISOLATION RADIUS

STATE OF OHIO · RICHARD A. THOMPSON JR. · S-7388 · REGISTERED · PROFESSIONAL SURVEYOR

DATE 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

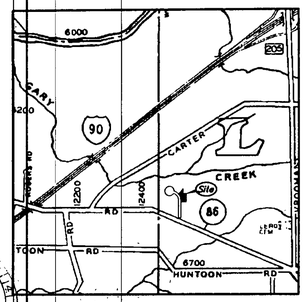
LEGEND

STORM MANHOLE
SANITARY MANHOLE
EXISTING CONTOURS
PROPOSED CONTOURS
EXIST. ELEV. 100.0
F.G.100.0 = PROP. ELEV.
DIRECTION OF SURFACE DRAINAGE

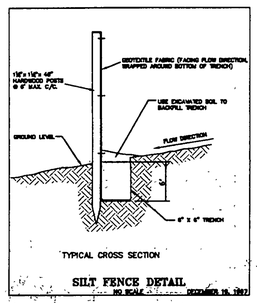
DRAWN BY: JBR/SITE2	SCALE: 1"=30'-0"
CHK'D BY/FIELD: R.A.T.	DATE: 4/26/00
1	
2	

ACCEPTED: CLIENT DATE

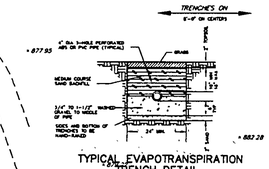
BENCHMARK: B.M.=Nail Fnd. At Sta. 3+25 (40'Rt.) Elev.....885.00
T.B.M. Set On Top Of I.Pin In Mon. Box At C/L Pc. Elev.....881.54



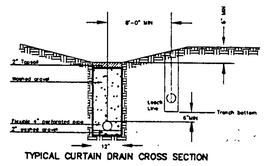
Location Map
(N.T.S.)



TYPICAL CROSS SECTION
SILT FENCE DETAIL
NO SCALE DECEMBER 16, 1997

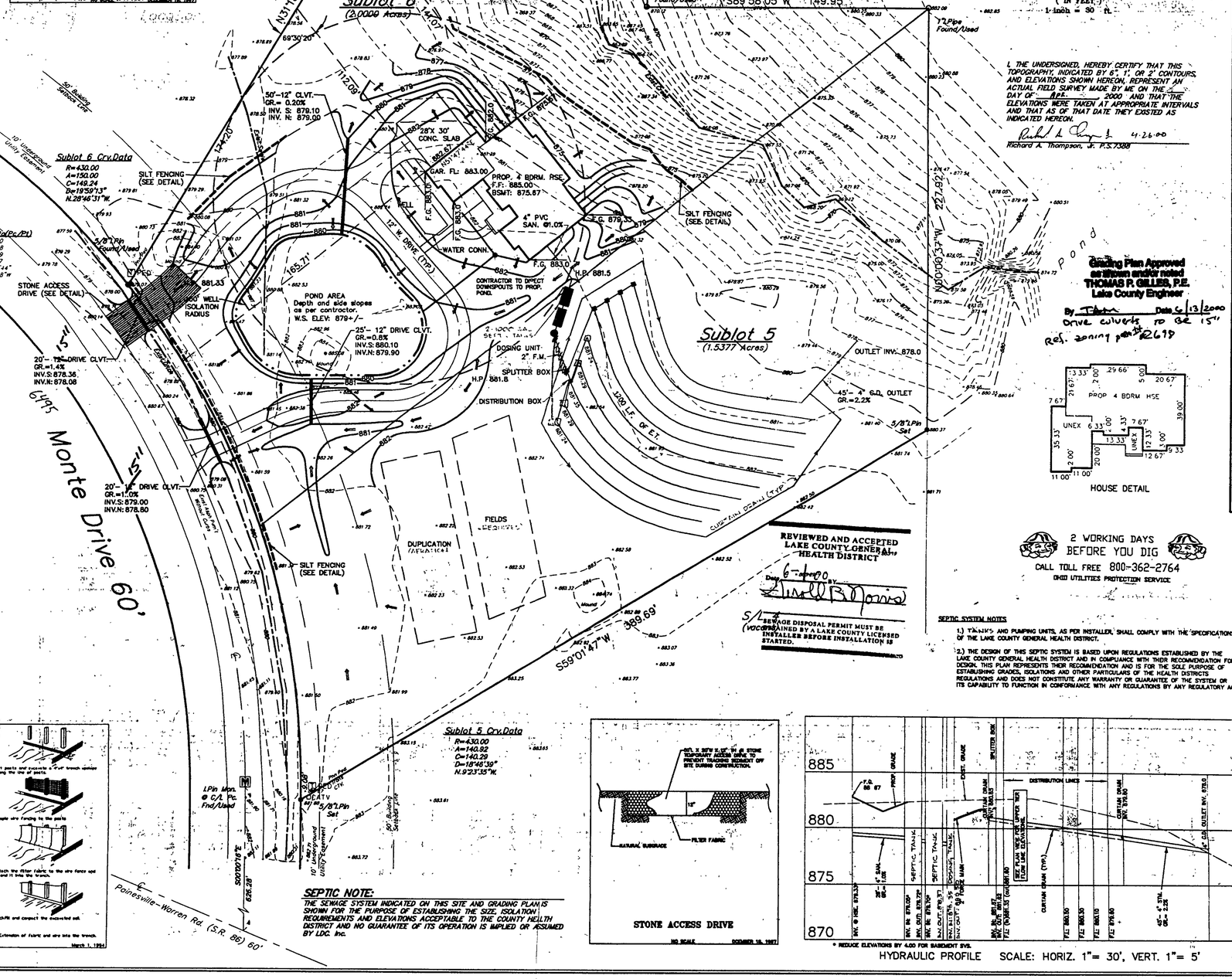


TYPICAL EVAPOTRANSPIRATION TRENCH DETAIL



TYPICAL CURTAIN DRAIN CROSS SECTION

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.



Grading Plan Approved as shown and/or noted
THOMAS P. GILLES, P.E.
Lake County Engineer
By [illegible] Date 6/13/2000
Drive culverts to be 15"
Ref. zoning permit #2619

REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL HEALTH DISTRICT
Date 6-13-2000 BY [illegible]

S/L 4 (VACANT) — SEWAGE DISPOSAL PERMIT MUST BE OBTAINED BY A LAKE COUNTY LICENSED INSTALLER BEFORE INSTALLATION IS STARTED.

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

SEPTIC SYSTEM NOTES

1.) TANKS AND PUMPING UNITS, AS PER INSTALLER, SHALL COMPLY WITH THE SPECIFICATIONS OF THE LAKE COUNTY GENERAL HEALTH DISTRICT.

2.) THE DESIGN OF THIS SEPTIC SYSTEM IS BASED UPON REGULATIONS ESTABLISHED BY THE LAKE COUNTY GENERAL HEALTH DISTRICT AND IN COMPLIANCE WITH THEIR RECOMMENDATION FOR DESIGN. THIS PLAN REPRESENTS THEIR RECOMMENDATION AND IS FOR THE SOLE PURPOSE OF ESTABLISHING GRADES, ISOLATIONS AND OTHER PARTICULARS OF THE HEALTH DISTRICTS REGULATIONS AND DOES NOT CONSTITUTE ANY WARRANTY OR GUARANTEE OF THE SYSTEM OR ITS CAPABILITY TO FUNCTION IN CONFORMANCE WITH ANY REGULATIONS BY ANY REGULATORY AGENCY.

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.

EROSION CONTROL PLAN & SCHEDULE

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

STONE SHALL BE INSTALLED IN FUTURE DRIVEWAY AREA 20 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 IMPLEMENTED AS 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 WAY 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.

MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES WHERE RUNOFF IS NOT CHECKED 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.

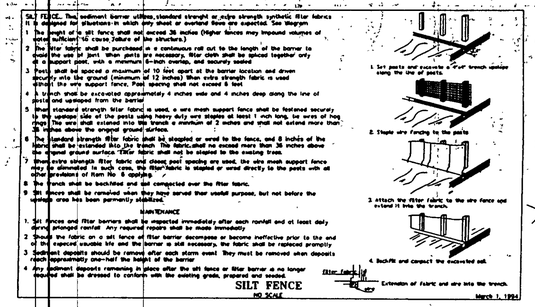
PERMANENT SEEDING TO BE INSTALLED AFTER ALL CONSTRUCTION ACTIVITY IS COMPLETE.

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 NO. 659 ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

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

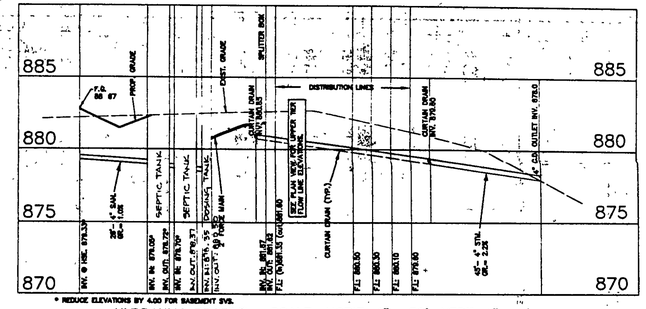
KENTUCKY BLUE GRASS— 40%
CREEPING RED FESCUE— 40% 3#/ 1000 S.F.
PERENNIAL RYEGRASS— 20%
FERTILIZER— 20#/ 1000 S.F. (12-12-12)
MULCH—STRAW/ 3 TONS/ ACRE



SEPTIC NOTE:

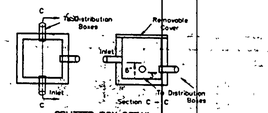
THE SEWAGE SYSTEM INDICATED ON THIS SITE AND GRADING PLAN IS SHOWN FOR THE PURPOSE OF ESTABLISHING THE SIZE, ISOLATION REQUIREMENTS AND ELEVATIONS ACCEPTABLE TO THE COUNTY HEALTH DISTRICT AND NO GUARANTEE OF ITS OPERATION IS IMPLIED OR ASSUMED BY LDC. Inc.

STONE ACCESS DRIVE
NO SCALE DECEMBER 16, 1997

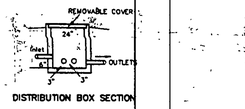


* REDUCE ELEVATIONS BY 4.00 FOR BASEMENT SVS.

HYDRAULIC PROFILE SCALE: HORIZ. 1"= 30', VERT. 1"= 5'



SPLITTER BOX DETAIL



DISTRIBUTION BOX SECTION

DWG. NAME
LUCAJ1-0001