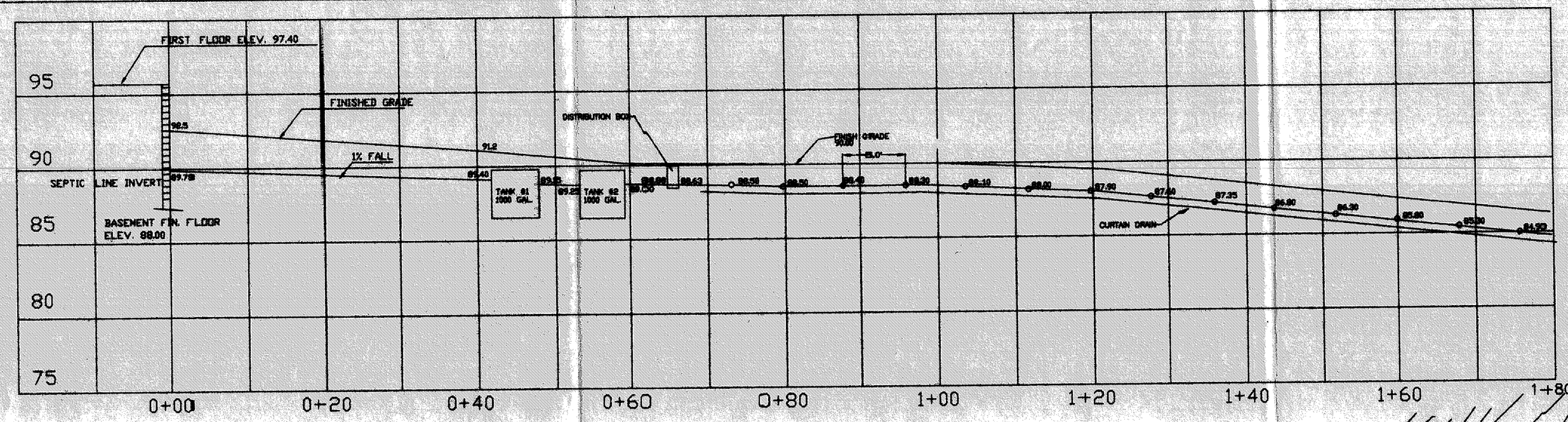
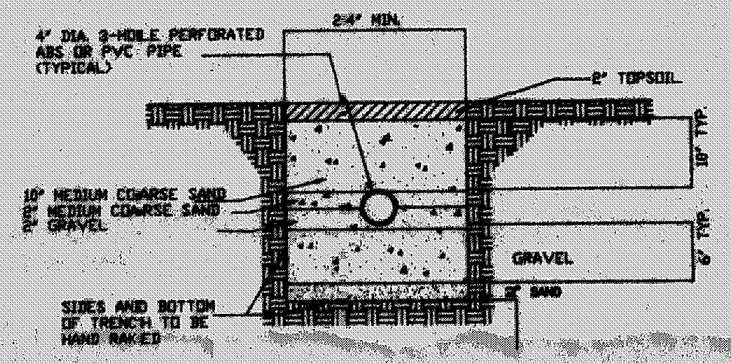
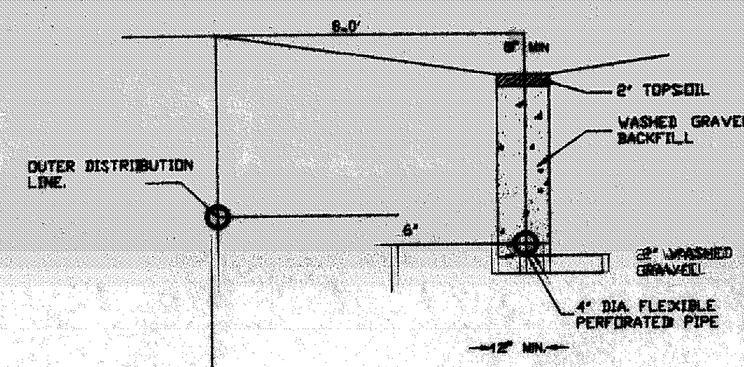


HYDRAULIC PROFILE

EVAPO-TRANSPIRATION TRENCH DETAIL



CURTAIN DRAIN DETAIL



NOTICE:
THIS SURVEY IS SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.

Grading Plan Approved
as shown and/or noted
THOMAS P. GILLES, P.E.
Lake County Engineer
By GH Date 6-22-94
15" DRIVE CULVERT

ROOF DRAINS SHALL DISCHARGE TO SPLASH BLOCKS.

SITE PLAN

PREPARED FOR GLEN HURYN
S/L NO. 5
PINEY HOLLOW SUBDIVISION
VOL.18 PG. 15
TOWNSHIP OF LEROY, COUNTY OF LAKE, STATE OF OHIO

LEGEND

- EXISTING GRADE
- PROPOSED GRADE
- 100.00 EXISTING ELEVATION
- 105.00 PROPOSED ELEVATION
- FIRST FLOOR ELEVATION 97.40'
- 3 BEDROOM DWELLING

A. To be brought to finished grade
1. Septic tank manhole covers
2. Splitter box cover
3. Distribution box cover

B. No footer drains or downspouts to be discharged into septic tanks
C. All waste water to be discharged into septic tanks

Reviewed and Accepted
LAKE COUNTY GENERAL HEALTH DISTRICT
Date 6-24-94
JOEL LUCIA, R.S., M.A.Ed.
Health Commissioner
By J. Lucia

LOW YIELD WATER FIXTURES REQUIRED ON ALL:
- Shower Head
- Toilet

SCALE : 1" = 30'
0' 15' 30' 60'

JUNE 6, 1994

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

APPROVED
BY
DATE 6/24/94
LDC INC.

"I, the undersigned hereby certify that the topography shown hereon, indicated by one foot contours and elevations represents an actual field topographic survey made by me on the 28th day of February, 1994 and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon."

STATE OF OHIO
KEVIN J. CLARK 43712
REGISTERED SURVEYOR

CONSTRUCTION NOTES

ALL CONSTRUCTION SHALL CONFORM TO THE LAKE COUNTY BOARD OF HEALTH AND THE CONCORD TOWNSHIP BUILDING DEPARTMENT REGULATIONS.

PRECAST CONCRETE SEPTIC TANKS SHALL HAVE A WALL THICKNESS OF NOT LESS THAN TWO AND ONE-HALF <2-1/2"> INCHES. THE BASE AND TOP OF SUCH TANKS SHALL BE NOT LESS THAN THREE <3"> THICK. ALL TANKS SHALL BE DESIGNED SO THAT FREEBOARD WILL BE NOT LESS THAN TWELVE INCHES AND THE LIQUID DEPTH NOT LESS THAN FOUR FEET. THE OUTLET FIXTURE SHALL BE THREE INCHES LOWER THAN THE INLET FIXTURE.

AN INLET BAFFLE OR TEE SHALL BE PROVIDED TO DIVERT THE INCOMING SEWAGE DOWNWARD. THE BAFFLE OR TEE SHALL PENETRATE AT LEAST SIX <6"> INCHES BELOW THE LIQUID LEVEL, BUT THE PENETRATION SHALL NOT BE GREATER THAN THAT ALLOWED FOR THE OUTLET DEVICE. ONE <1"> INCH FROM THE TOP OF THE TANK.

THE OUTLET SHALL BE FITTED WITH A TEE OR BAFFLE. THE OUTLET DEVICE SHALL EXTEND THROUGH THE SCUM LAYER OF THE TANK AND ABOVE THE LIQUID LEVEL.

THE SEPTIC TANK MANHOLES SHALL BE INSTALLED WITH SAFETY SECURED COVERS EXTENDED TO GRADE TO PROVIDE ACCESS TO THE INLET AND OUTLET DEVICES AND TO EACH COMPARTMENT OF THE TANK FOR INSPECTION AND CLEANING. THE DISTANCE FROM THE LIQUID LEVEL TO THE COVER SHALL BE AT LEAST TWELVE <12"> INCHES.

THE DISTRIBUTION BOX, SPLITTER BOX AND INSPECTION PORTS SHALL BE BROUGHT TO GRADE AND SHALL BE PROVIDED WITH SECURED COVERS. THE MINIMUM INSIDE DIMENSION OF THE BOX SHALL BE EIGHTEEN <18"> INCHES IN WIDTH. THE BOX SHALL BE OF SUFFICIENT DEPTH TO PREVENT OVERFLOWING WHEN SURGED.

EACH SECTION OF THE LEACHING LINE SHALL BE PROVIDED WITH NOT LESS THAN ONE INSPECTION PORT, THE MINIMUM DIMENSION OF WHICH SHALL BE FOUR <4"> INCHES IN WIDTH.

ROOF WATER, FOUNDATION DRAINAGE, CISTERN OVERFLOW, SURFACE DRAINAGE OR SUBSURFACE DRAINAGE SHALL NOT BE DISCHARGED INTO A BUILDING SEWER OR INTO A HOUSEHOLD SEWAGE DISPOSAL SYSTEM.

EVAPORATION-TRANSPIRATION TRENCHES SHALL BE COVERED WITH TOPSOIL AND SEEDED. SHRUBBERY SHALL BE PLANTED IN THE AREA OF THE FIELD IN A FASHION TO BEST ASSIST IN TRANSPIRATION.

NOTE: CURTAIN DRAIN 6' DEEPER THAN E.T. TRENCH TYP.

BOCK & CLARK
CONSULTING ENGINEERS & SURVEYORS
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216-350-8078 PAINESVILLE (216) 350-8074 FACSIMILE
1-800-787-8396 WATS:

SITE PLAN PREPARED FOR:
GLEN HURYN
PROJECT NO. 1004