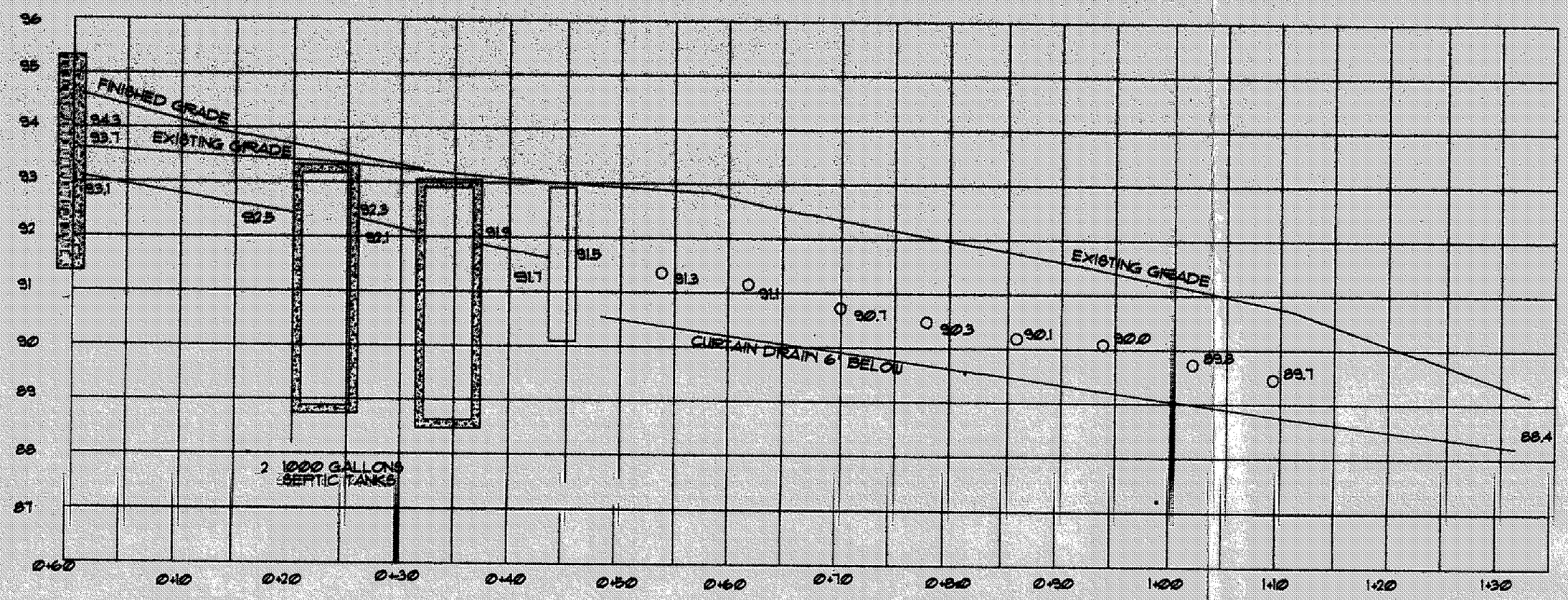


EVAPORATION-TRANSPIRATION TRENCH DETAIL

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 DIEVERT 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.

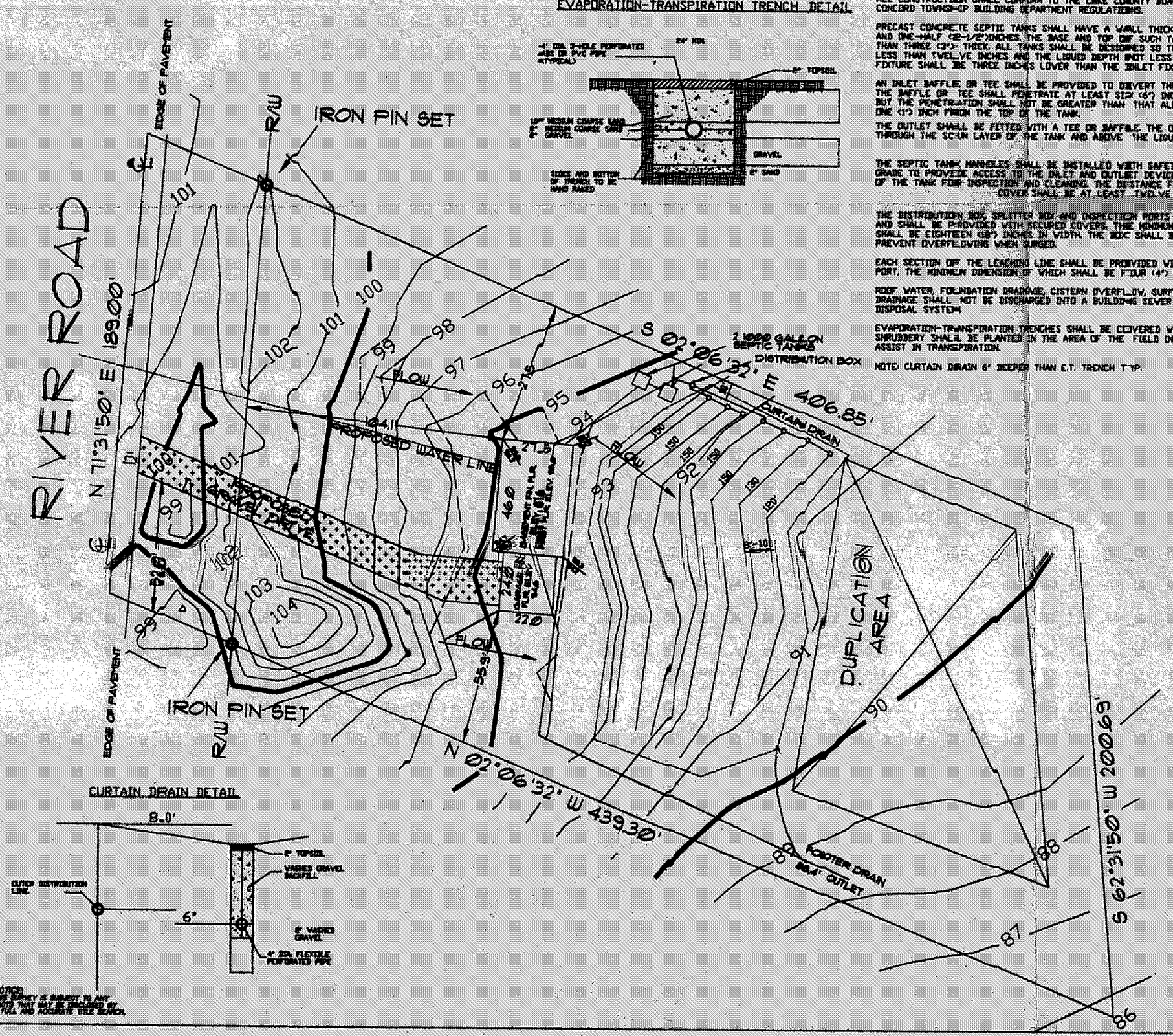
THE DISTRIBUTION BOX, SPLITTER BOX AND INSPECTION PORTS SHALL BE BROUGHT TO GRADE AND SHALL BE PROVIDED WITH SECURED COVERS. THE MINIMUM INSIDE DIMENSION OF THE BOX SHALL BE EIGHTEEN (18") INCHES IN WIDTH. THE BOX SHALL BE OF SUFFICIENT DEPTH TO PREVENT OVERFLOWING WHEN SURGED.

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.



CURTAIN DRAIN DETAIL

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

LEGEND

- IRON PIN FOUND
- R. R. SPIKE FOUND
- P.K. NAIL FOUND
- STONE FOUND
- FENCE POST FD. & USED
- IRON PIN SET
- R.R SPIKE SET
- P.K. NAIL SET
- BREAK POINT
- FENCE LINE
- 1' INTERVAL CONTOURS
- ~~PROPOSED CONTOURS~~
- 5' INTERVAL CONTOURS
- FH FIRE HYDRANT
- SM SANITARY MANHOLE
- WV WATER VALVE
- ST STORM INLET
- GV GAS VALVE
- UTILITY POLE
- GAS LINE
- WATER LINE
- SANITARY LINE
- FOOTER DRAIN LINE
- UTILITY LINE

0 20 40 80
1"=40'

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SITE IMPROVEMENT PLAN

TERRY SLOAN
MADISON TOWNSHIP
PARCEL NO. 4
RIVER ROAD
LAKE COUNTY
STATE OF OHIO

3 BEDROOM 1 1\2 STORY FRAME
NO SEWAGE OR WELLS WITHIN 100'

"I THE UNDERSIGNED HEREBY CERTIFY THAT THE TOPOGRAPHY SHOWN HEREON, INDICATED BY 1 FOOT CONTOURS AND ELEVATIONS, REPRESENTS AN ACTUAL FIELD TOPOGRAPHIC SURVEY MADE BY ME ON THE 8th DAY OF NOVEMBER 1994 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON."

Grading Plan Approved as shown and/or noted
THOMAS P. GILLES, P.E.
Lake County Engineer
Date 12-8-94
"12" Drive Culvert

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

SURVEYOR'S STATEMENT

DIMENSIONS ON THIS PLAT ARE EXPRESSED IN FEET AND DECIMAL PARTS THEREOF UNLESS OTHERWISE NOTED. BEARINGS ARE REFERRED TO AN ASSUMED MERIDIAN AND ARE USED TO DENOTE ANGLES ONLY. MONUMENTS WERE FOUND OR SET AT POINTS INDICATED HEREON.

Reviewed and Accepted
LAKE COUNTY GENERAL HEALTH DISTRICT
Date 12-2-94
JOEL LUCIA, R. S., M. P. H.
Health Commissioner
BY J. Lindsay

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

STATE OF OHIO
KEVIN J. CLARK
6498
REGISTERED PROFESSIONAL SURVEYOR

KEVIN J. CLARK, PROFESSIONAL SURVEYOR STATE OF OHIO #6498

APPROVED
MADISON TWP. ZONING
Permit: 14423
Zoning Inspector
NOV. 28 1994

DRAWN BY: TJO
DATE OF SURVEY: 11-8-94
PROJECT NUMBER: 1056
SHEET 1 OF 1

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

BOCK & CLARK'S NATIONAL SURVEYORS NETWORK
ENGINEERS & SURVEYORS (800-181-8336) (FAX: 216-350-9074)
8 NORTH STATE STREET, SUITE 102, PAINESVILLE, OHIO 44077