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 (2½") 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 DEVERT 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.

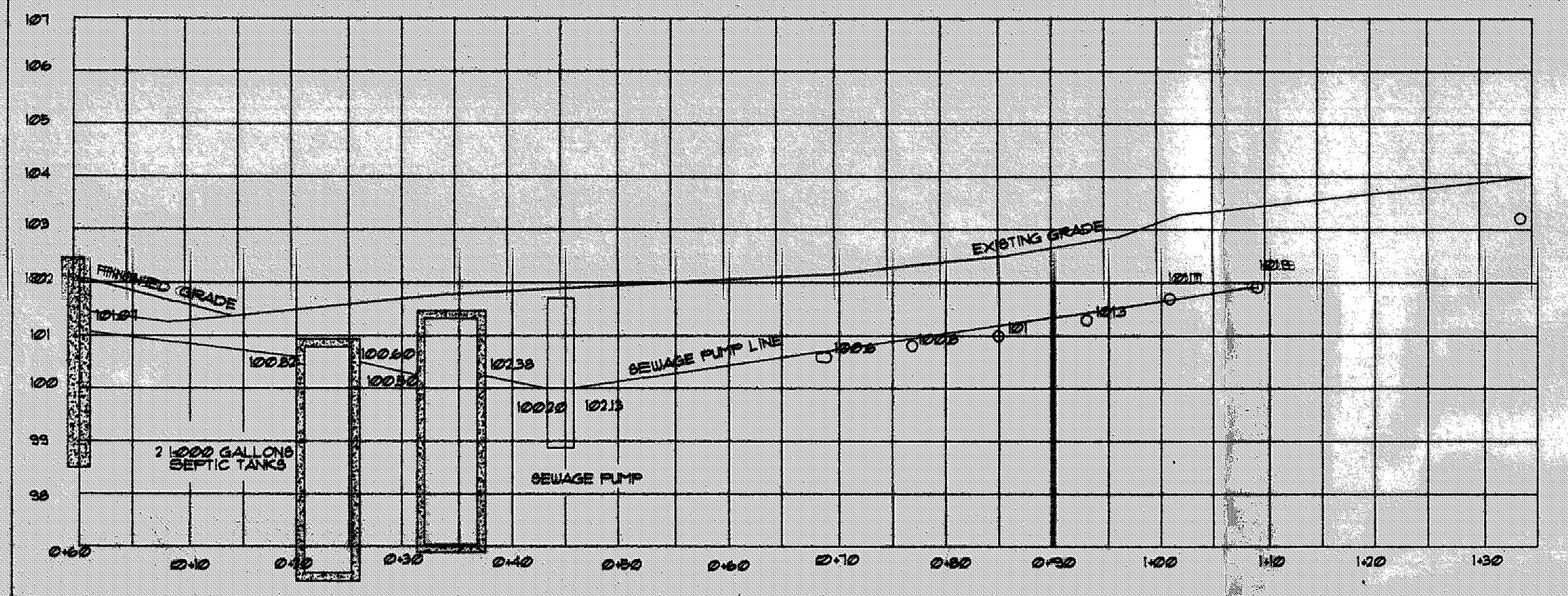
THE DISTRIBUTION BOX, SPLITTER BOX AND INSPECTION PORTS SHALL BE BROUGHT TO GRADE AND SHALL BE PROVIDED WITH SECURED COVERS. THE MINIMUM INSIDE DIMENSION OF THE BOX SHALL BE EIGHTEEN (18") INCHES IN WIDTH. THE BOX SHALL BE OF SUFFICIENT DEPTH TO PREVENT OVERFLOWING WHEN SURGED.

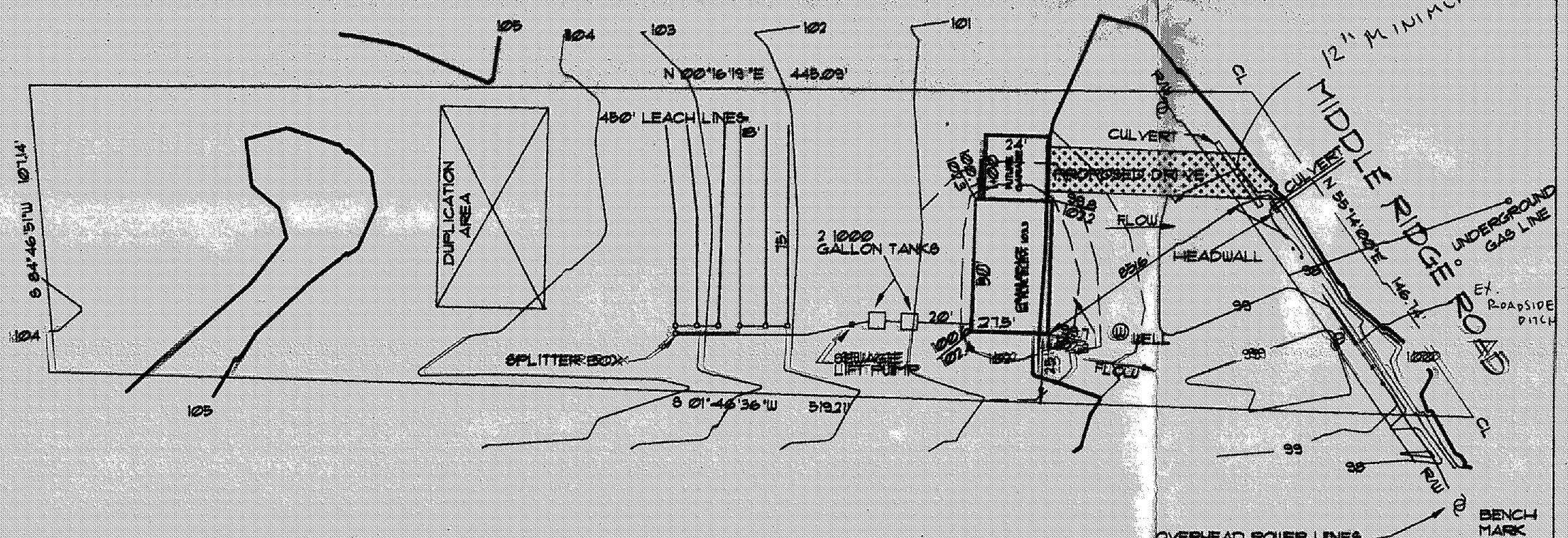
EACH SECTION OF THE LEACHING LINE SHALL BE PROVIDED WITH NOT LESS THAN ONE INSPECTION PORT, THE MINIMUM DIMENSION OF WHICH SHALL BE FOUR (4") INCHES IN WIDTH.

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.

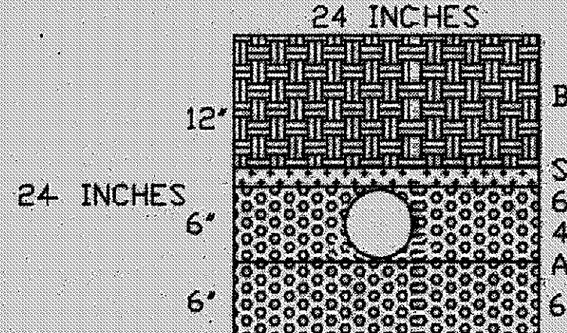
EVAPORATION-TRANSPIRATION TRENCHES SHALL BE COVERED WITH TOPSOIL AND SEEDED. SHRUBBERY SHALL BE PLANTED IN THE AREA OF THE FIELD IN A FASHION TO BEST ASSIST IN TRANSPIRATION.

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





TYPICAL LEACHING TRENCH CROSS SECTION



Grading Plan Approved as shown and/or noted
THOMAS P. GILLES, P.E.
Lake County Engineer
By TJH Date 11 17 94
RECOMMEND DRIVEWAY TO BE MOVED FURTHER WEST TO AVOID CONFLICT WITH EX. ROADWAY CULVERT

LEGEND

- IRON PIN FOUND
- R.R. SPIKE FOUND
- P.K. NAIL FOUND
- STONE FOUND
- FENCE POST FD. & USED
- IRON PIN SET
- RR 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'

COPYRIGHT 1994 by Bock & Clark

SITE IMPROVEMENT PLAN

ALEXANDER BAYLEY DEVELOPMENT CO.
GAYLON BARNEY
PARCEL NO. 9 PROPOSED SPLIT
MIDDLE RIDGE ROAD, MADISON TOWNSHIP
LAKE COUNTY
STATE OF OHIO
3 BEDROOM HOUSE

"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 10th DAY OF OCTOBER 1994 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON."

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.

STATE OF OHIO
KEVIN J. CLARK 6498
REGISTERED PROFESSIONAL SURVEYOR

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

DRAWN BY: TJO
DATE OF SURVEY: 10-14-94
PROJECT NUMBER: 1048
SHEET 1 OF 1

BOCK & CLARK'S NATIONAL SURVEYORS NETWORK
ENGINEERS & SURVEYORS (800-761-8396) (FAX: 216-350-9014)
8 NORTH STATE STREET, SUITE 1012, PAINESVILLE, OHIO 44077