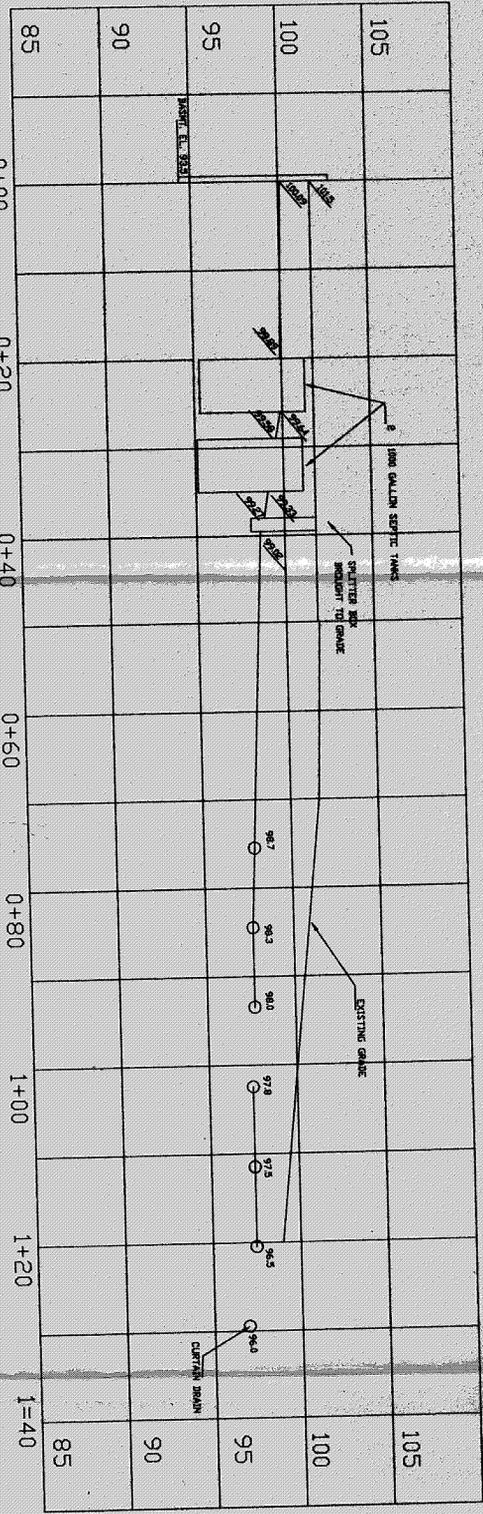


Township of Concord
 County of Lake
 Part of Lot 5, Tract 2
 Lot No. 3 on Pembroke Lane
 3 bedroom house



HORIZONTAL SCALE 1" = 10'
 VERTICAL SCALE 1" = 5'
 HYDRAULIC PROFILE

CONSTRUCTION NOTES

ALL CONSTRUCTION SHALL CONFORM TO THE LAKE COUNTY BOARD OF HEALTH

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) INCHES THICK. ALL TANKS SHALL BE DESIGNED SO THAT FREEDOM OF FLOW SHALL BE MAINTAINED THROUGHOUT THE TANKS. THE INLET AND OUTLET FITTURES SHALL BE THREE INCHES LOWER THAN THE INLET FITTURE.

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 TO APPROXIMATELY THE SEPTIC TANK MANHOLES SHALL BE INSTALLED WITH SAFETY SECURED COVERS EXTENDED TO THE 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.

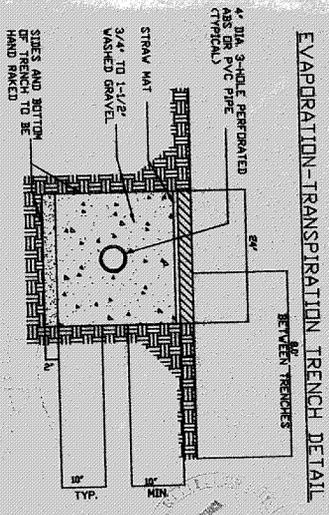
THE DISTRIBUTION BOX, SPLITTER BOX AND INSPECTION PORTS SHALL BE BROUGHT TO GRADE AND SHALL BE PROVIDED WITH SECURED COVERS. THE MINIMUM INSIDE DIMENSION OF THE BOX SHALL BE EIGHTEEN (18) INCHES IN WIDTH. THE BOX SHALL BE OF SUFFICIENT DEPTH TO PREVENT OVERFLOWING WHEN SURGED.

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

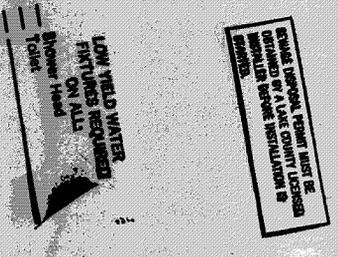
ROOF WATER FOUNDATION DRAINAGE CISTERN OVERLAP, SURFACE DRAINAGE OR SUBSURFACE DRAINAGE SHALL NOT BE DISCHARGED INTO A BUILDING SEWER OR INTO A HOUSEHOLD SEWAGE DISPOSAL SYSTEM.

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

NOTE: CURTAIN DRAIN 6" BELOW LEACH LINE

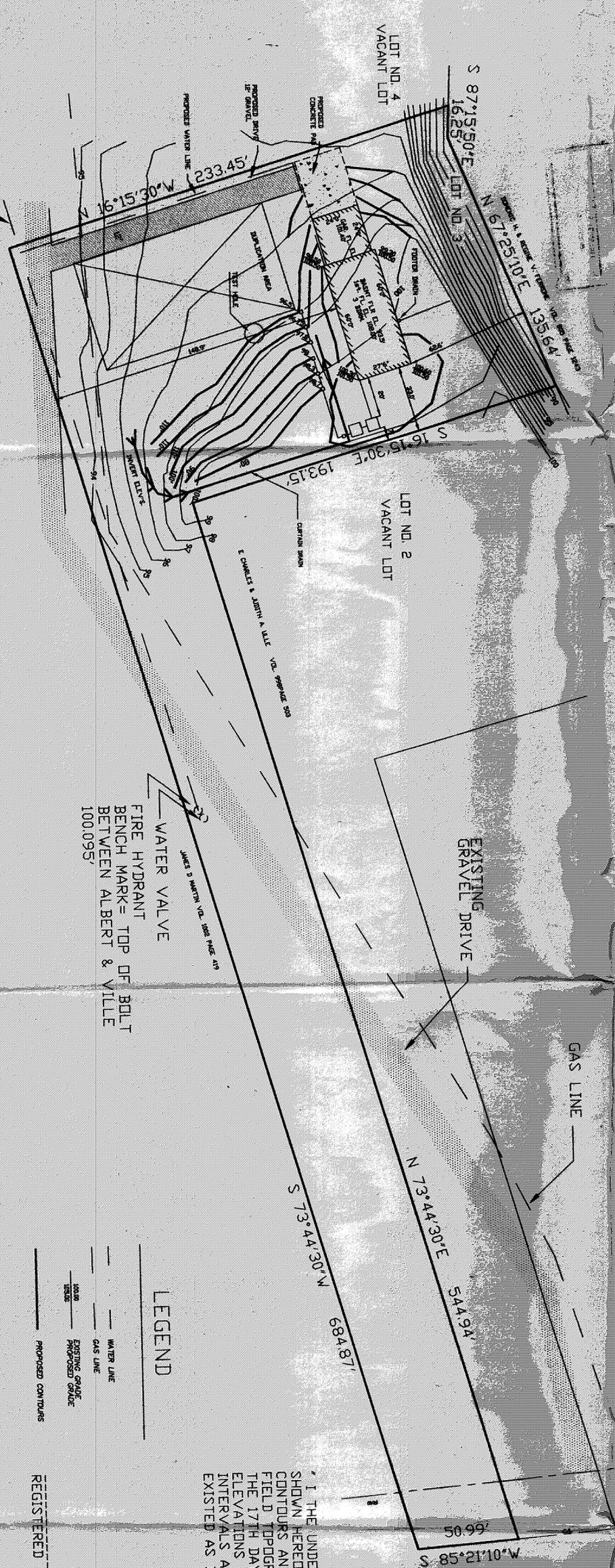


1. To be limited to finished grade
 2. 4\"/>



LOW YIELD WATER
 FIXTURES REQUIRED
 ON ALL
 Shower Head
 Toilet

SEWER TRENCHES SHALL BE COVERED WITH TOPSOIL AND SEEDED.



PALMER ROAD 60'

SCALE: 1" = 30'
 JULY 18, 1994

I, THE UNDERSIGNED HEREBY CERTIFY THAT THE SHOWN HEREON, INDICATED BY 1 FOOT CONTOURS AND ELEVATIONS REPRESENTS AN ACTUAL FIELD TOPOGRAPHIC SURVEY MADE BY ME ON THE 17TH DAY OF JULY, 1994 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON.

Grading Firm Approved
 as shown and/or noted
 THOMAS P. GILLESPIE, P.E.
 Lake County Engineer
 By: *[Signature]*
 Date: 8/19/94

REGISTERED SURVEYOR CARL M. CLARK REG. NO. 6358

SITE PLAN PREPARED FOR:
 ALEXANDER BAYLEY DEVELOPMENT CO.
 PROJECT NO. 1030

BOCK & CLARK
 CONSULTING ENGINEERS & SURVEYORS
 8 N. STATE STREET PAINESVILLE, OHIO 44077 216-350-9876 WATS 1-800-SURVEY6