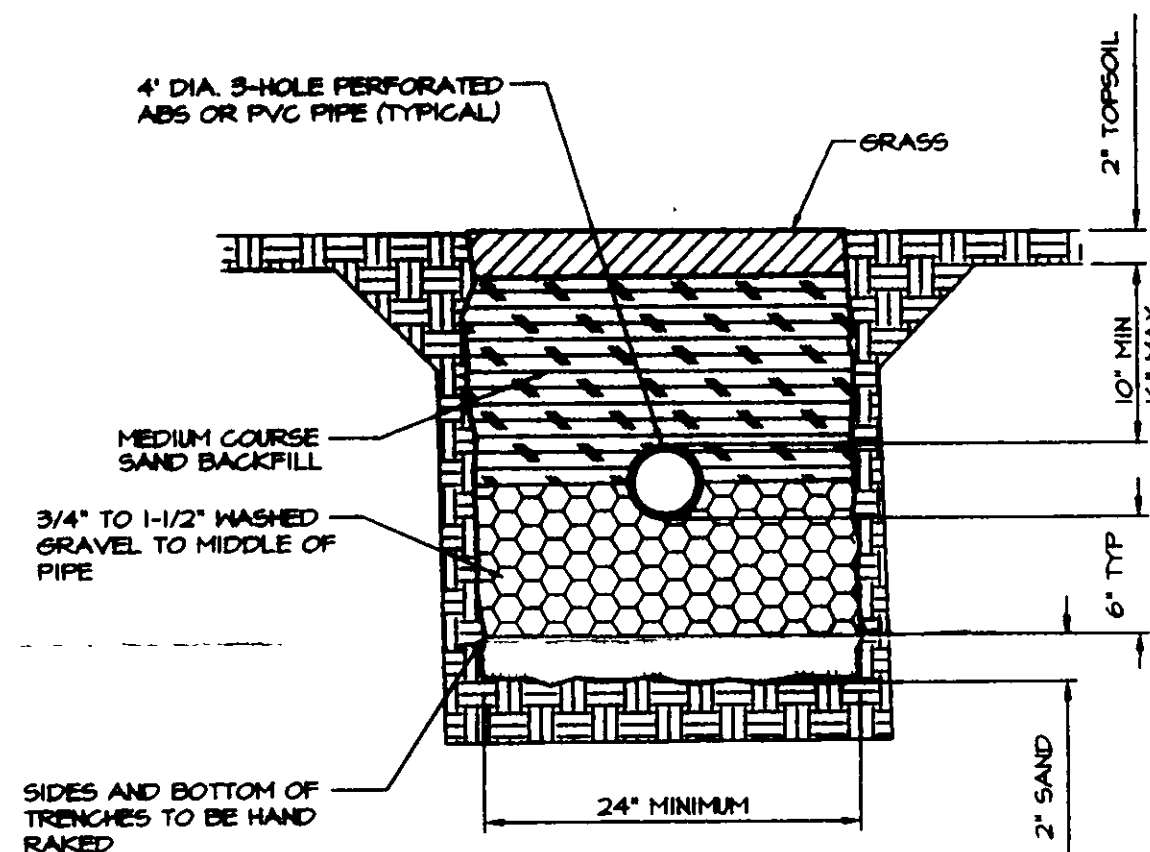
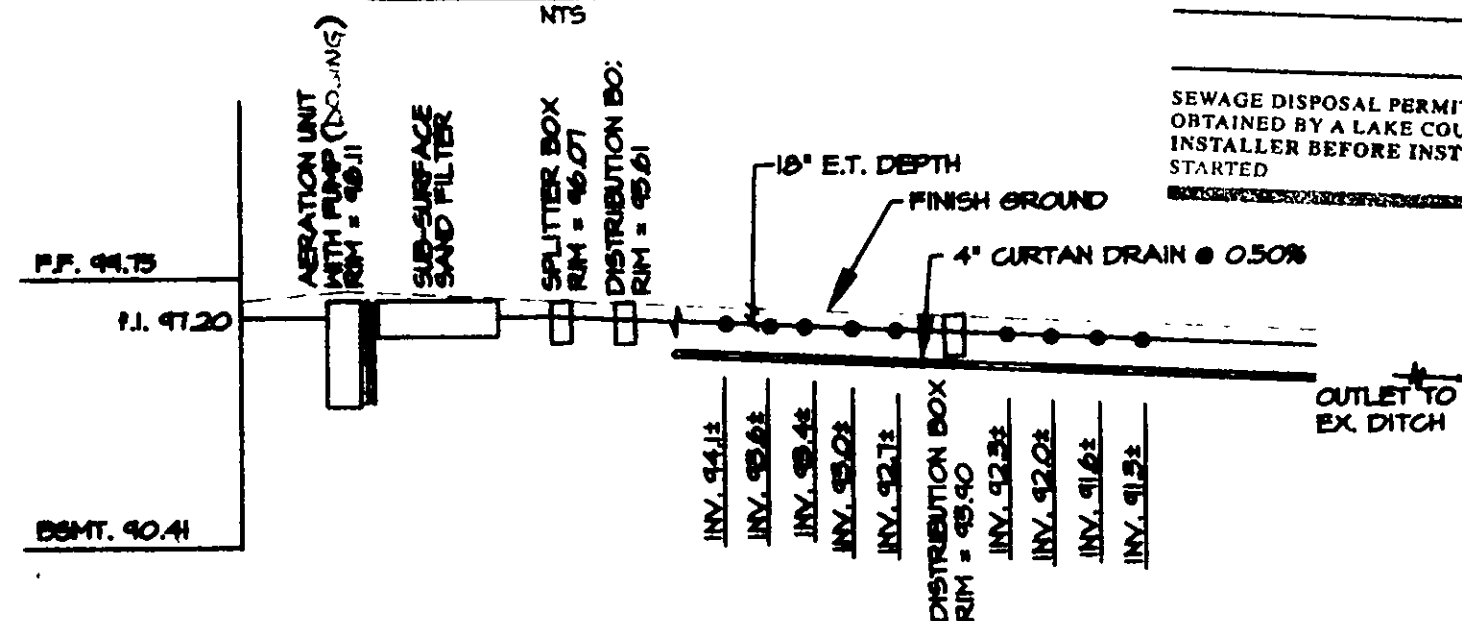


- NOTES:
- WIDTH OF TRENCH FOR CURTAIN DRAIN TO BE 12".
  - MINIMUM SLOPE OF CURTAIN DRAIN WILL BE 6" IN 10'.
  - THE CURTAIN DRAIN WILL HAVE AN INSPECTION PORT AT THE COLLECTION POINT OF ALL FOUR SIDES.
  - THE OUTLET OF THE CURTAIN DRAIN WILL BE PROTECTED FROM THE ENTRANCE OF SMALL ANIMALS.
  - THIS DESIGN IS FOR FIELDS WITH A MAXIMUM WIDTH OF 56' INCLUDING CURTAIN DRAINS. WHEN WIDTH EXCEEDS 56', DIFFERENTIAL BETWEEN TRENCHES WILL BE INCREASED TO 25'.

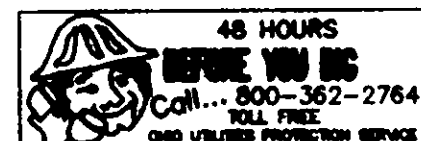
**CURTAIN DRAIN DETAIL**  
NTS



**EVAPORATION-TRANSPIRATION TRENCH DETAIL**  
NTS



**HYDRAULIC PROFILE**  
NTS

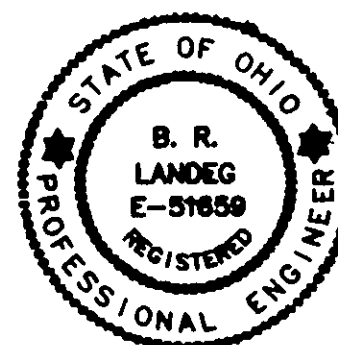


NOTE: CONTRACTOR TO FIELD VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES, INCLUDING ALL UNDERGROUND ELECTRICAL LINES.

SEE HOUSE PLANS FOR DETAILS AND COMPLETE CONSTRUCTION INFORMATION.

Grading Plan Approved as shown and/or noted  
THOMAS P. GILLES, P.E.  
Lake County Engineer

By TAM Date 12/15/99  
A PERMIT MUST BE OBTAINED FROM THE LAKE COUNTY ENGINEER FOR WORK WITHIN PLW

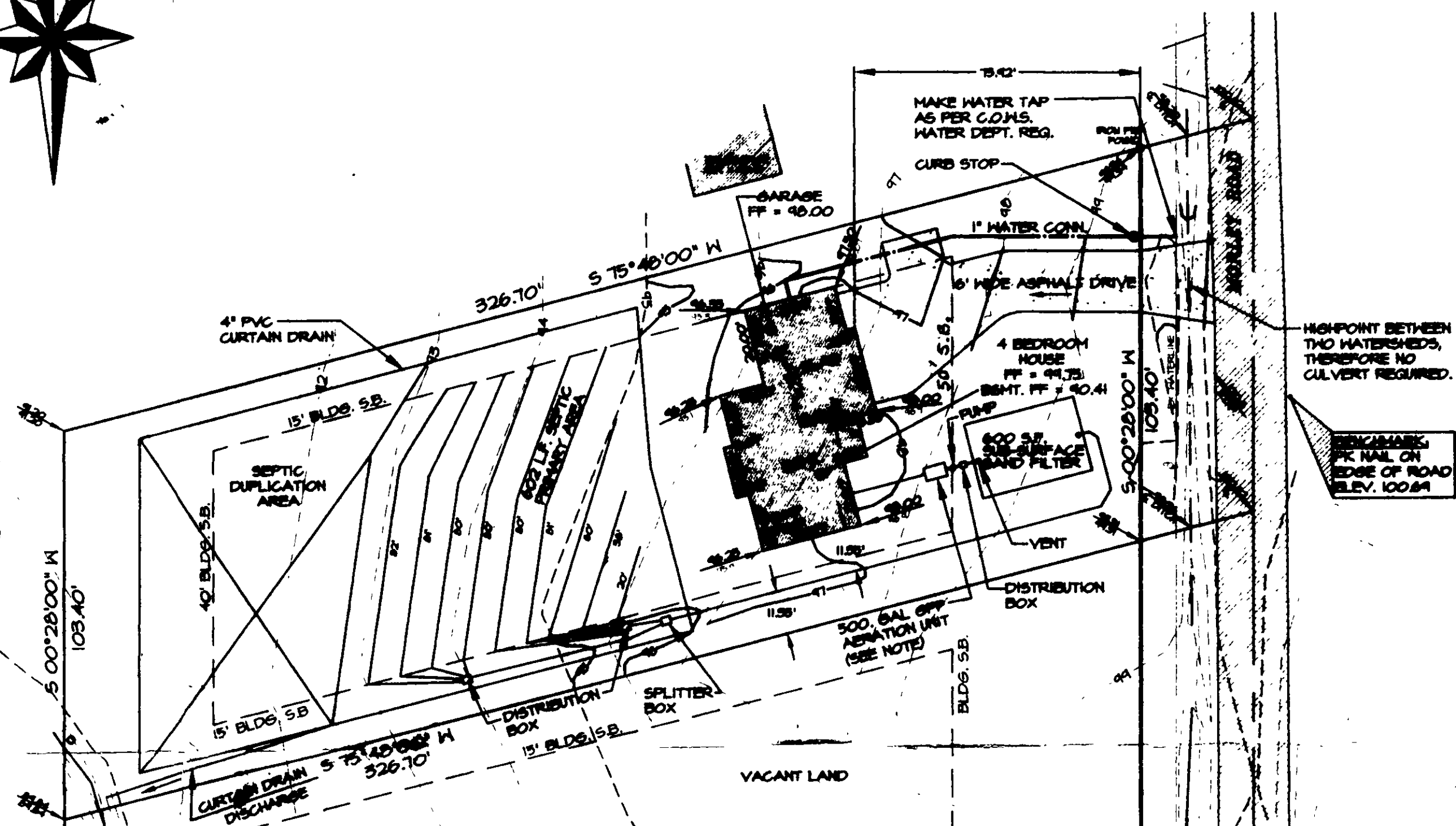
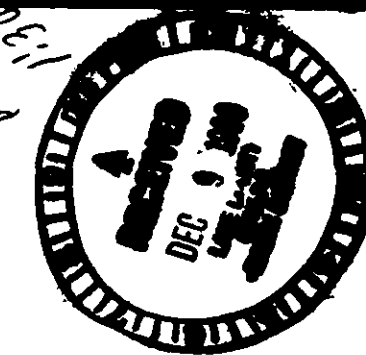
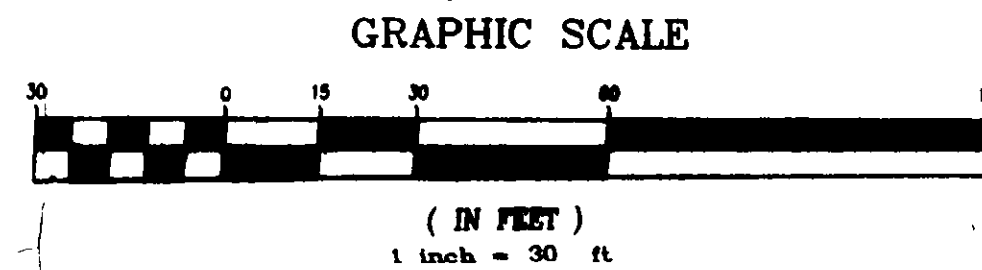


**CERTIFICATION:**

"I THE UNDERSIGNED HEREBY CERTIFY THAT THIS TOPOGRAPHY INDICATED BY '1'-0" CONTOURS AND ELEVATIONS SHOWN HEREON REPRESENTS AN ACTUAL FIELD SURVEY MADE BY GREENLAND CONSULTING INC., UNDER THE SUPERVISION OF BRUCE R. LANDEG, P.S. No. 7985 ON THE 21st DAY OF OCTOBER 1999 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON."

Bruce R. Landeg  
BRUCE R. LANDEG P.E. 51659

12-9-1999  
DATE



**STORM NOTE:**

NO CULVERT NECESSARY UNDER DRIVEWAY DUE TO LOCATION AT HIGH POINT IN DITCH.

**SEPTIC SYSTEM NOTES**

1. ALL SEPTIC COMPONENTS TO BE INSTALLED AS PER THE LAKE COUNTY HEALTH DEPARTMENT.
2. CURTAIN DRAIN TO BE OUTLETED TO ROADSIDE DITCH AS SHOWN.
3. AERATION UNIT TO BE ONE OF THE FOLLOWING THREE TYPES:  
a. NAYADIC  
b. JET  
c. NORWECO  
IF NAYADIC TYPE IS INSTALLED, THEN A 500 GALLON TRASH TRAP IS REQUIRED PRIOR TO THE AERATION UNIT.

ZONING PERMIT #1199-9619  
ISSUED 11-5-99

SUBJECT TO APPROVAL BY:  
Lake County Sanitary Eng. ☐  
Lake County Eng. Dept. ☒  
Lake County Planning Comm. ☐  
Lake County Bldg. Dept. ☒

**SITE PLAN FOR:**

7630 MORLEY ROAD  
P.P.N. 8A-26-18  
CONCORD TWP.-LAKE COUNTY-OHIO  
PREPARED FOR: JOHN SVIGEL

99-046  
db.dwg  
JPF  
12/99

**Greenland Consulting, Inc.**

Planning - Surveying - Engineering  
2880 Hopkins Road, Mentor, OH 44060  
Phone: (440) 206-8167 Fax: (440) 206-1823  
E-Mail: greenland@earthlink.net

