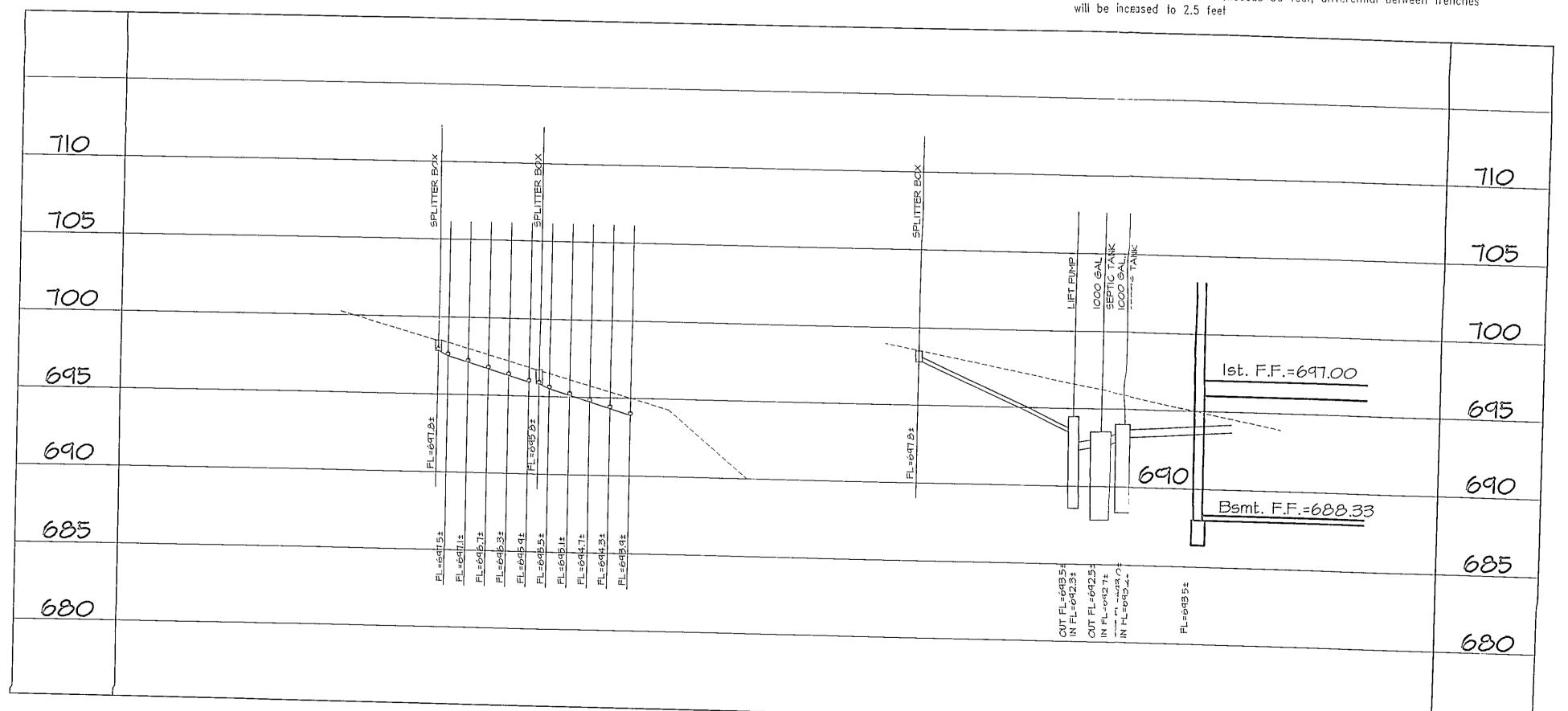


6 inches below the bottom of the ET trench 4" perforated PVC CURTAIN DRAIN

ADDITONAL NOTES:

- Minimum width of trench for curtain drain to be 12 inches
- Minimum slope of curtain drain will be 6 inches in 10 foot - The curtain train will have an inspection port at the collection point
- of all four sdes
- The outlit of the curtain drain will be protected from the entrance of
- This design is for fields with a maximum width of 56 feet including curtain drans. When width exceeds 56 feet, differential between trenches



SECTION EB

----- 8'- 0°---

SECTION AA

TYPICAL SEPTIC TANK

CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE LAKE COUNTY BOARD OF HEALTH AND THE LAKE COUNTY BUILDING DEPARTMENT REGULATIONS.
- DRAINAGE IMPROVEMENTS OR CHANGES FROM EXISTING GRADE NOTED ON THE APPROVED PLAN SHALL BE INSTALLED PRIOR TO SEWAGE DISPOSAL
- RESIDENCE MUST UTILIZE WATER SAVING TOILETS, SHOWERHEADS AND FAUCETS.
- NO OFEN BURNING WILL OCCUR DURING CONSTRUCTION
- ROOF MATER, FOUNDATION DRAINAGE, CISTERN OVERFLOW, SURFACE DRAINAGE OR SUBSURFACE DRAINAGE SHALL NOT BE DISCHARGED INTO A BUILDING SEWER OR INTO A HOUSEHOLD SEWAGE DISPOSAL SYSTEM.
- AERATION-TYPE TREATMENT SYSTEM SHALL CONFORM TO SECTION 840 OF THE LAKE COUNTY BOARD OF HEALTH REGULATIONS.
- SEMAGE LIFT FUMP SHALL BE CAPABLE OF LIFTING RESIDENTIAL SEMAGE EFFLUENT AT A RATE OF 70 GPM AT 100 GPM OF HEAD
- IF A SEPARATE PUMPING CHAMBER IS UTILIZED, THE CHAMBER SHALL HAVE A MINIMUM WORKING VOLUME OF 250 GALLONS. THE FLOAT LEVELS SHALL BE ADJUSTED TO PROVIDE FOR A 150 GALLON DOSING VOLUME TO THE
- ELECTRICAL WORK AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE
- MECHANICAL COMPONENTS SHALL BE INSTALLED IN A PROPERLY VENTED LOCATION AND ALL VENTS, AIR INTAKES AND AIR HOSES SHALL BE PROTECTED FROM SNOW, ICE OR WATER VAPOR ACCUMULATIONS.
 INSTALLATION SHALL BE MADE TO MINIMIZE RELEASE OF ODORS
- MECHANICAL COMPONENTS INSTALLED IN OR AT THE SEWAGE TANK SHALL BE PROTECTED AGAINST DAMAGE OR IMPAIRMENT OF EFFICIENCY BY FLOODING, FOAMING OR SURCHARGING. FUMPS MUST BE READILY REMOVABLE FROM THE MANHOLE IN CASE OF PUMP FAILURE
- CONTROL AND ALARM CIRCUITS FOR AERATION SYSTEM AND LIFT PUMP SHALL BE WIRED TO A COMMON ANNUNCIATOR TO BE LOCATED IN THE BASEMENT OR GARAGE OF THE RESIDENCE
- 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.
- 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.
- SURFACE WATER SHALL BE DIVERTED AWAY FROM THE DISPOSAL FIELD AREAS BY THE USE OF SWALES. CURTAIN DRAINS SHALL BE INSTALLED AS
- 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.

SIRVEYOR'S CERTIFICATION

"THIS IS TO CETTIFY THAT AT THE REQUEST OF THE OWNER, I HAVE SURVEYED SUBLOT # 5 IN THEBAIN FARM SUBDIVISION IN ACCORDANCE WITH THE PLAT WHICH IS RECORDED IN ACCURATE 24 PAGE 15-1 OF LAKE COUNTY PLAT RECORDS. AT ALL IS RECORDED IN VOLUME 24 PAGE 15-1 CF LAKE COUNTY PLAT RECORDS. AT ALL POINTS SO INDICATED, IRON PIN MONUMENTS WERE EITHER FOUND OR SET. DISTANCES SHOWN ARE IN FEIT AND DECIMAL PARTS THEREOF, BEARINGS SHOWN ARE BASED UPON ASSUMED MERIDIAN AND ARE FOR THE SOLE PURPOSE OF DESCRIBING THE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ALL OF WHICH I CERTIFY TO BE CORRECT WILLIAM D LANDES P.S. # 4594

DATE

CERTIFICATION

"I, THE UNDERS'SNED HEREBY CERTIFY THAT THIS TOPOGRAPHY SHOWN HEREON INDICATED BY I'-O' CONTOURS AND ELEVATIONS REPRESENTS AN ACTUAL FIELD TOPOGRAPHICAL SURVEY MADE BY ME ON THE 28th. DAY OF FEBRUARY, 1996 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON."

WILLIAM D LANDEG PS # 4594



ZONING PERMIT 0497-8681 ISSUED 4-8-977

SUBJECT TO APPROVAL GY:

Lave County Contacty Eng.

Lake County Planning Comm.

Lake County Bidg. Dept.

PRINTED DEC 24 1993

LAKE WAS.

Scale:

Horiz. 1"= 30' Vert 1"= 30' Sheet No.

Rev. No. 30601 EUCLID AVENUE WICKLIFFE, OHIO 44092 PHONE: (216) 585-2700 FAX: (216) 585-5722

Description Date By CH'K'D REVISIED FER LAKE COUNTY HEALTH DEPT. ADDED 2-1000 GAL. SEPTIC TANKS 12\24\96 D Abbott

SITE PLAN for SIGNATURE HOMES Inc. BAIN FARM! SUBDIVISION, CONCORD

Drawn By D. Abbott Filename: 96–32\96–32 Checked By Approved By:

Date: NOV. 25,1996

SUBLOT # 5