

120.04
SEPTIC
EXISTING SEPTIC SYSTEM

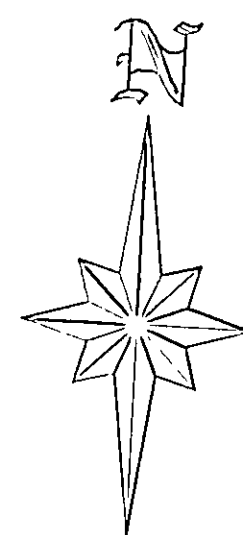
SUBLOT # 13

R/W CURVE DATA
 $\Delta = 06^{\circ}54'13''$
 $R = 2345.00'$
 $T = 141.45'$
 $L = 282.55'$
 $C = 282.38'$
 $N. 81^{\circ}36'34'' W.$

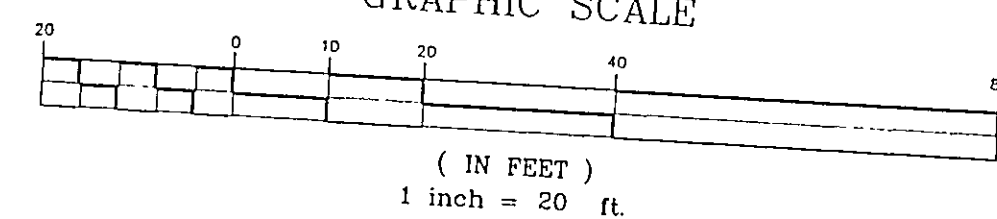
MOUNT ROYAL DRIVE 60'

N 88°30'12" W

244.49'



GRAPHIC SCALE



REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL
HEALTH DISTRICT

Date: 12/18/96
D. Abbott

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

SUBLOT # 15

Engineering Plan Approved
for record
D. ABBOTT, P.E.
Survey Engineer

Date: 2-11-97

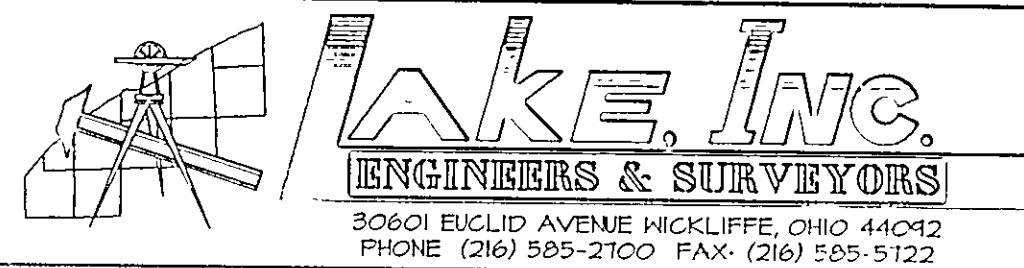
EXISTING PERMIT #0297-8632

10/10/97

CONSENT TO RECORD BY
Lake County Public Health ☐
Lake County Planning Dept. ☐
Lake County Engineering Dept. ☒
Lake County Public Works Dept. ☐

PRINTED
DEC 10 1996

REVISED E.T. FIELD TO 1200 LIN. FT.
PER LAKE COUNTY HEALTH DEPT.



Rev. No.	Description	Date	By	CHK'D
	REVISED EVAPORATION TRANS. SYSTEM PER HEALTH DEPT.	12/10/96	D. Abbott	

SITE PLAN for
GNATURE HOMES Inc.
MOUNT ROYAL SUBDIVISION, CONCORD

Drawn By: D. Abbott
Filename: 96-124/96-124
Checked By:
Approved By:
Date: DEC. 2, 1996

SUBLOT # 14

Scale:	
Horiz. 1" = 20'	
Vert. 1" = 20'	
Sheet No.	Of
1	2

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 SYSTEM CONSTRUCTION.

RESIDENCE MUST UTILIZE WATER SAVING TOILETS, SHOWERHEADS AND FAUCETS.

NO OPEN BURNING WILL OCCUR DURING CONSTRUCTION.

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.

AERATION-TYPE TREATMENT SYSTEM SHALL CONFORM TO SECTION 840 OF THE LAKE COUNTY BOARD OF HEALTH REGULATIONS

SEWAGE LIFT PUMP SHALL BE CAPABLE OF LIFTING RESIDENTIAL SEWAGE EFFLUENT AT A RATE OF 10 GPM AT 10.0 FOOT 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 DISPOSAL FIELD.

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. PUMPS MUST BE EASILY 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.

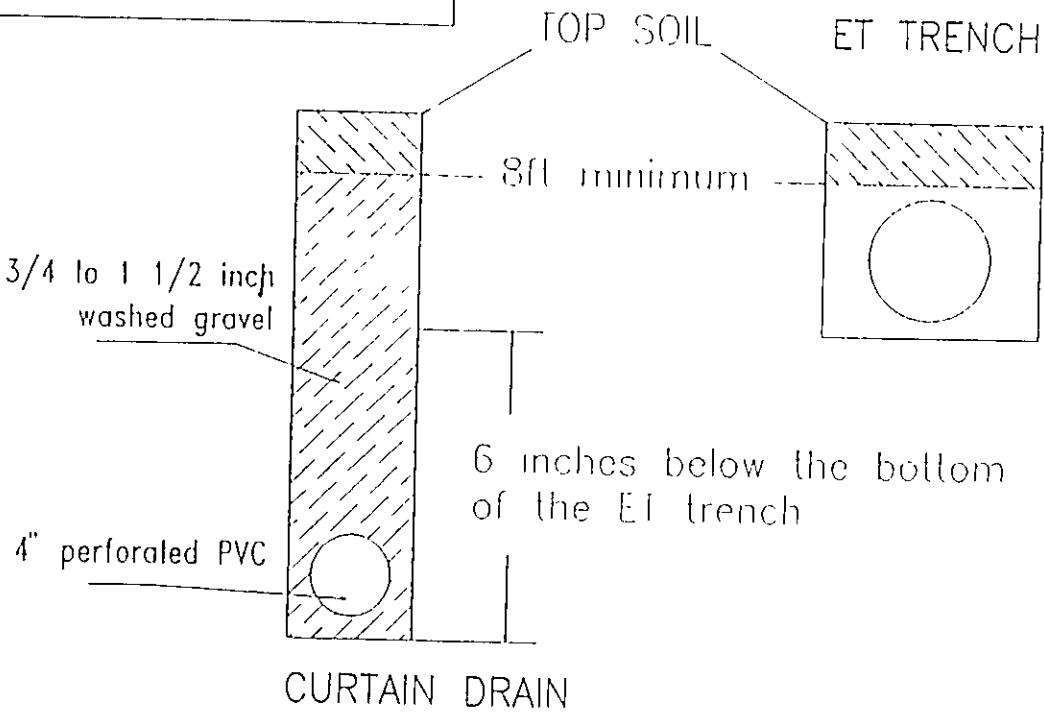
EACH SECTION OF THE LEACHING LINE SHALL BE PROVIDED WITH NOT LESS THAN ONE INSPECTION PORT. THE MINIMUM DIMENSION OF WHICH SHALL BE FOUR (4") INCHES.

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 SHALES. CURTAIN DRAINS SHALL BE INSTALLED AS INDICATED ON THE PLAN.

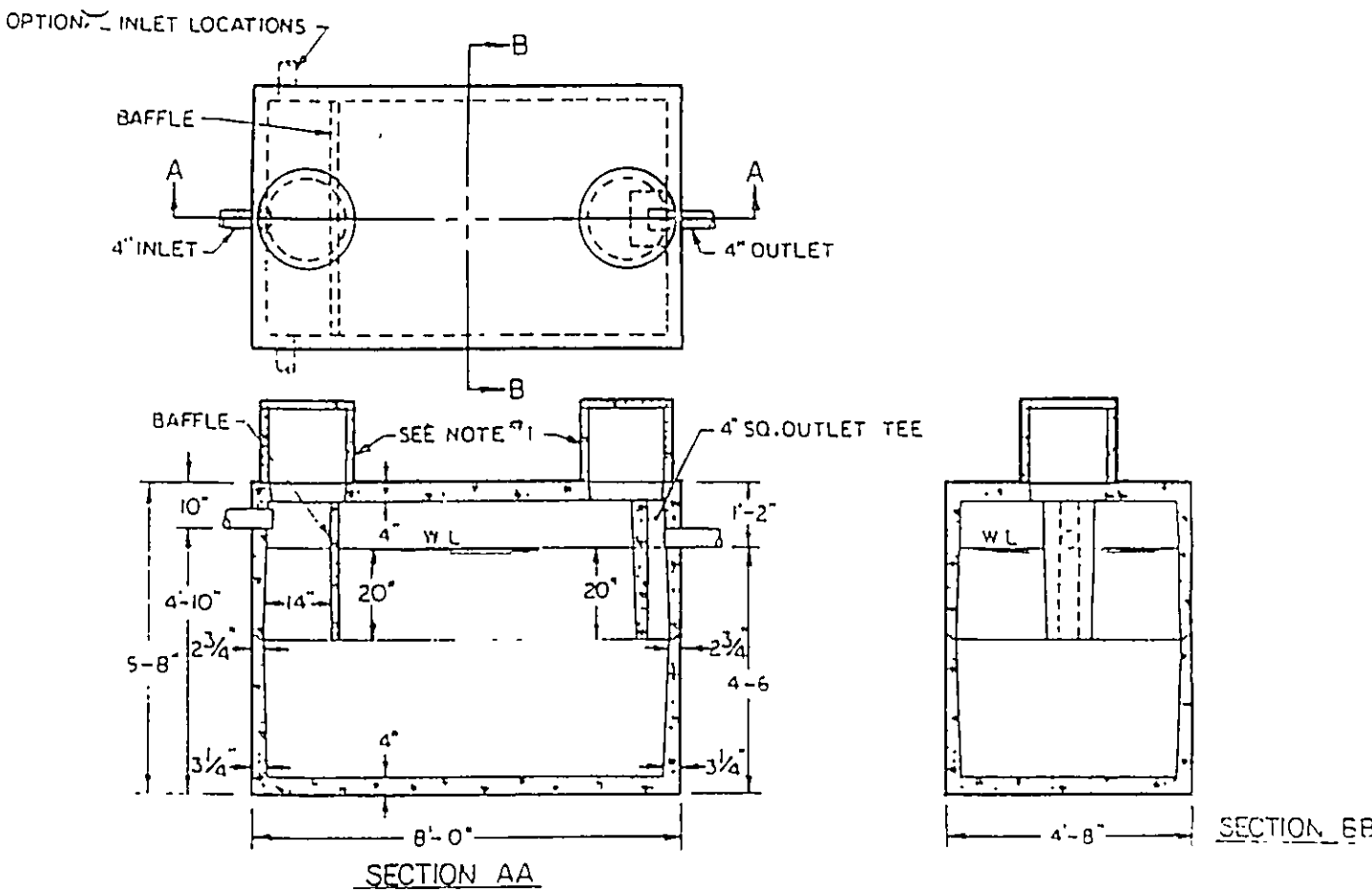
EVAPORATION-TRANSPIRATION TRENCHES SHALL BE COVERED WITH TOPSOIL AND SEEDED. SHRUBBERY SHALL BE PLANTED IN THE AREA OF THE FIELD IN A FASHION TO BEST ASSIST IN TRANSPIRATION.

Curtain Drain

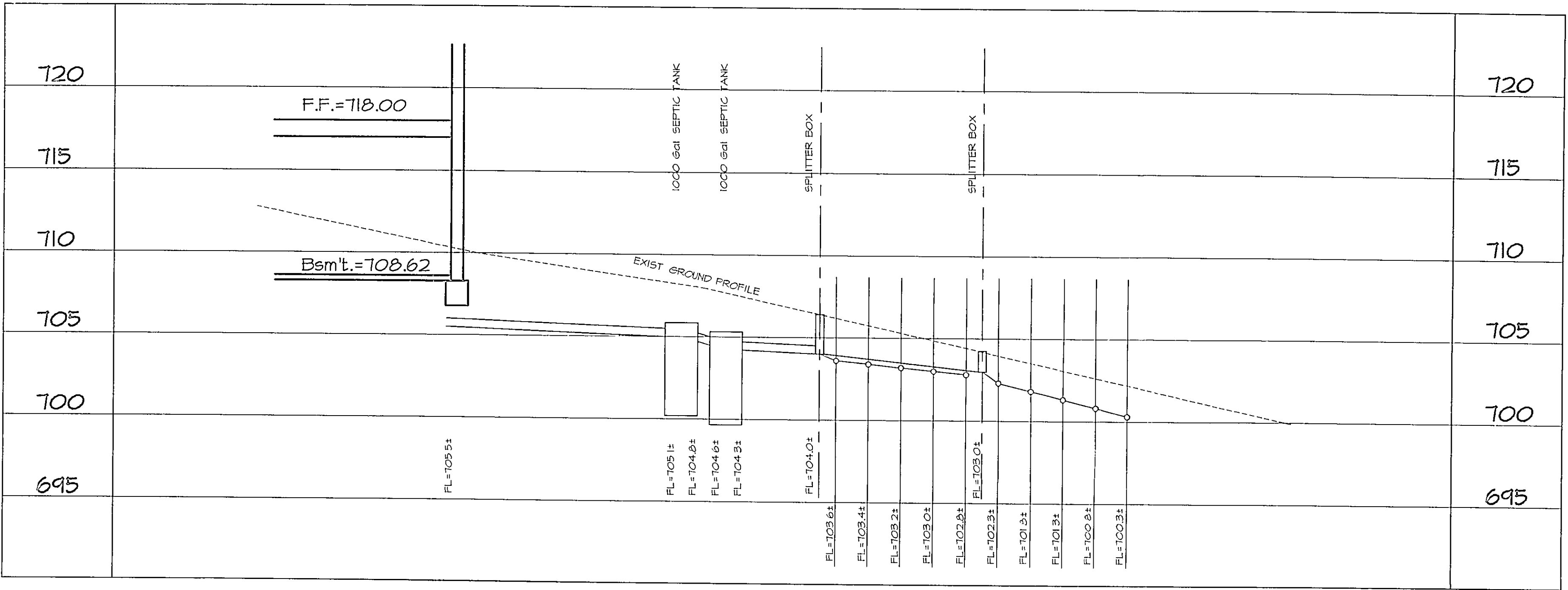


ADDITIONAL NOTES:

- Minimum width of trench for curtain drain to be 12 inches
- Minimum slope of curtain drain will be 6 inches in 100 feet
- 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 feet including curtain drains. When width exceeds 56 feet, differential between trenches will be increased to 2.5 feet



TYPICAL SEPTIC TANK
NTS



SEPTIC SYSTEM PROFILE

SURVEY CERTIFICATION:

" THIS IS TO CERTIFY THAT AT THE REQUEST OF THE BUILDER , I HAVE SURVEYED SUBLOT # 14 IN THE MOUNT ROYAL SUBDIVISION IN ACCORDANCE WITH THE PLAT WHICH IS RECORDED IN VOLUME PAGE OF LAKE COUNTY PLAT RECORDS. AT ALL POINTS SO INDICATED , IRON PIN MONUMENTS WERE EITHER FOUND OR SET . DISTANCES SHOWN ARE IN FEET AND DECIMAL PARTS THEREOF. BEARINGS SHOWN ARE BASED UPON ASSUMED MERIDIAN AND ARE FOR THE SOLE PURPOSE OF DESCRIBING THE RELATIVE ANGULAR VALUE BETWEEN LINES. ALL OF WHICH I CERTIFY TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF."

William D. Landeg
WILLIAM D. LANDEG P.S. # 4594

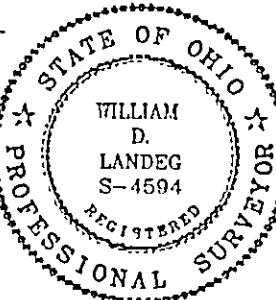
12/9/96
DATE

CERTIFICATION:

" I , THE UNDERSIGNED HEREBY CERTIFY THAT THE TOPOGRAPHY SHOWN HEREON INDICATED BY 1'-0" CONTOURS AND ELEVATIONS REPRESENTS AN ACTUAL FIELD TOPOGRAPHICAL SURVEY MADE BY ME ON THE 21st DAY OF OCT. 1996 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON. "

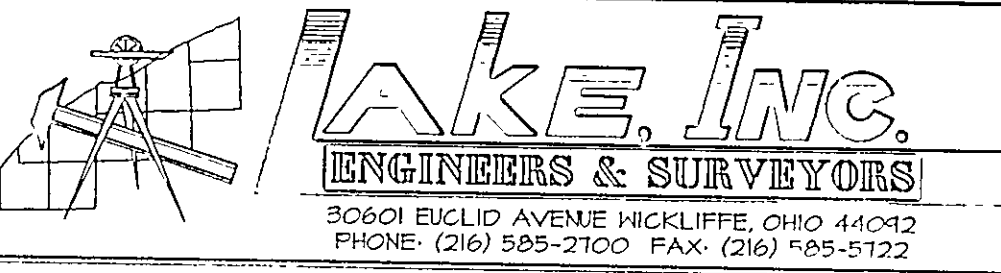
William D. Landeg
WILLIAM D. LANDEG P.S. # 4594

12/10/96
DATE



PRINTED
DEC 10 1996
L.A.C.

REVISED E.T. FIELD TO 1200 LIN. FT.
PER LAKE COUNTY HEALTH DEPT.



Rev. No.	Description	Date	By	CH'K'D
	REVISED EVAPORATION TRANS. SYSTEM PER HEALTH DEPT.	12/10/96	D.Abbott	

SITE PLAN for
SIGNATURE HOMES Inc.
MOUNT ROYAL SUBDIVISION , CONCORD

Drawn By D.Abbott
Filename: 96-124\96-124
Checked By:
Approved By:
Date: DEC. 2, 1996

SUBLOT # 14

Scale:	
Horiz. 1"= 20'	
Vert. 1"= 20'	
Sheet No.	Of
2	2