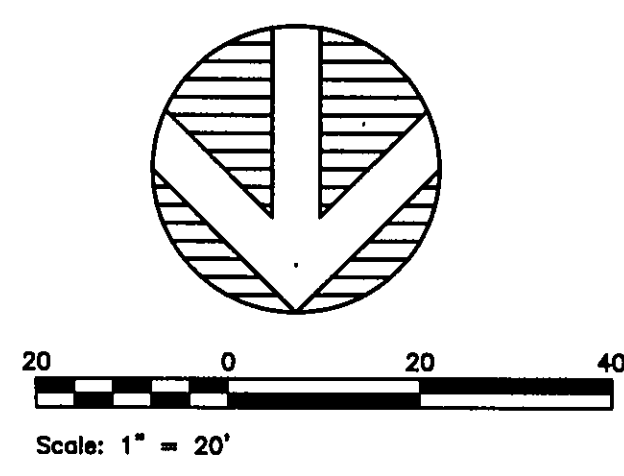


Site Plan  
for  
VENERI RESIDENCE  
BEING S/L 2 IN THE GREENVIEW ESTATES  
SUBDIVISION RECORDED IN DEED VOLUME 28  
PAGE 12 IN THE LAKE COUNTY RECORDS OF  
DEEDS. LOCATED IN THE CITY OF KIRTLAND,  
COUNTY OF LAKE AND STATE OF OHIO



DESIGN CERTIFICATION

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY INDICATED BY CONTOURS AND EXISTING ELEVATIONS SHOWN HEREON REPRESENTS AN ACTUAL SURVEY MADE BY ME ON 6/15/04 AND THAT THE ELEVATIONS WERE TAKEN AT THE APPROPRIATE INTERVALS AND AS OF THAT DATE THEY EXISTED AS INDICATED HEREON.

I FURTHER CERTIFY THAT THIS PLAN WAS PREPARED BY ME FROM ACTUAL BOUNDARY SURVEY AND IRON PINS WERE FOUND OR SET AT THE PROPERTY CORNERS AND ALL OF WHICH IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

By: *Peter J. Knezevich*  
REG. NO. 4499

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED ELEVATIONS ARE EXISTING FINISH GRADES CHECKED IN THE FIELD ON 6/15/04 AND AS OF THAT DATE THE LOT CORNER IRON PINS WERE EXISTING AND THAT SURVEY IS CORRECT TO THE BEST OF KNOWLEDGE AND BELIEF.

By: \_\_\_\_\_  
REG. NO. \_\_\_\_\_

LEGEND

- 873.26 PROPOSED ELEVATIONS
- AS-BUILT ELEVATIONS
- 872 EXISTING CONTOURS
- 872 PROPOSED CONTOURS
- OVERLAND DRAINAGE FLOW

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 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 70 GPM AT 10.0 GPM OF HEAD.

IF A SEPARATE PUMPING CHAMBER IS UTILIZED, THE CHAMBER SHALL HAVE A MINIMUM WORKING VOLUME OF 250 GALLONS. THE FLOOD LEVELS SHALL BE ADJUSTED TO PROVIDE FOR A 150 GALLON DOWSING VOLUME TO THE DISPOSAL FIELD.

ELECTRICAL WORK AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.

MECHANICAL COMPONENTS 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, FLOWING OR SURFACING. PUMPS MUST BE 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 ARRANGEMENT TO BE LOCATED IN THE BASEMENT OR GARAGE OF THE RESIDENCE.

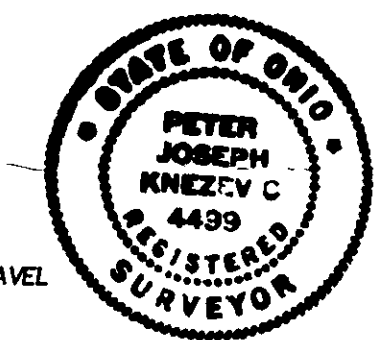
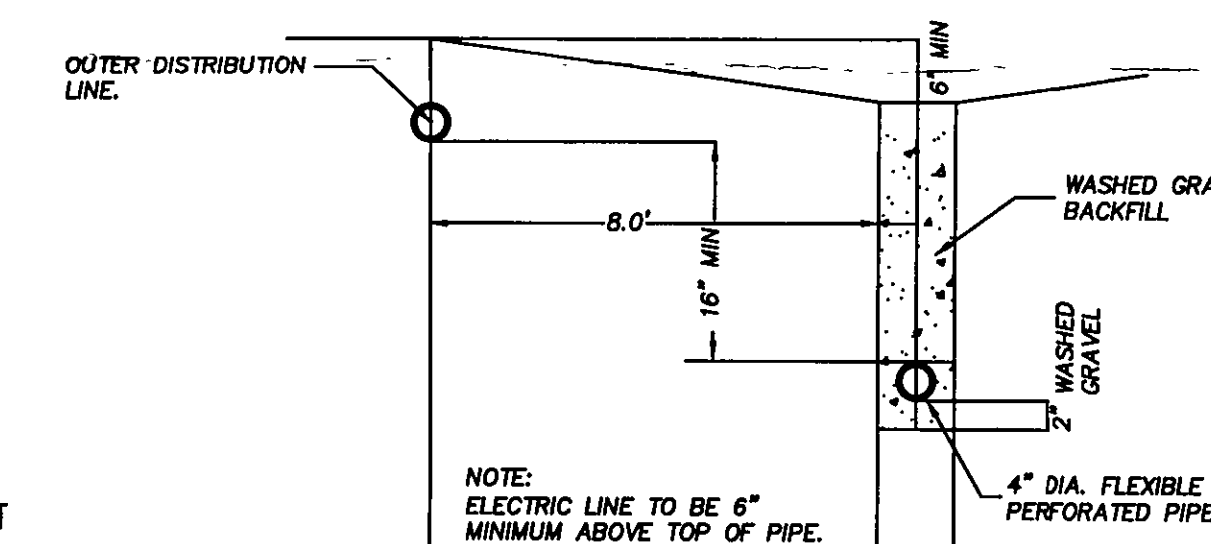
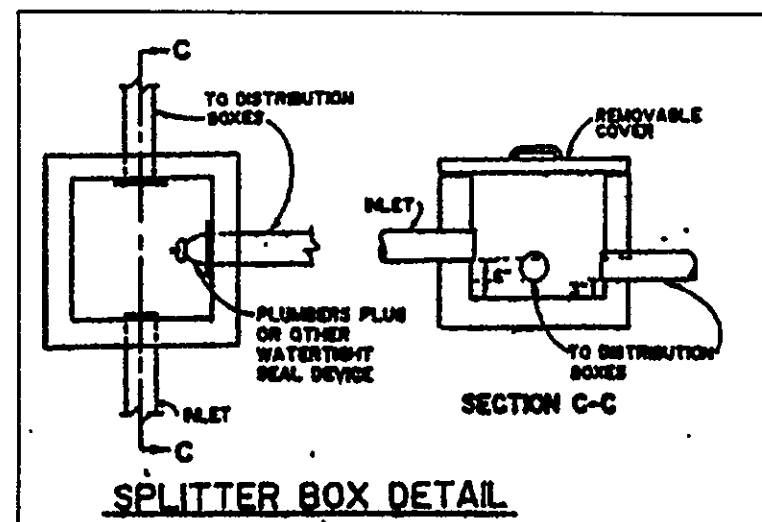
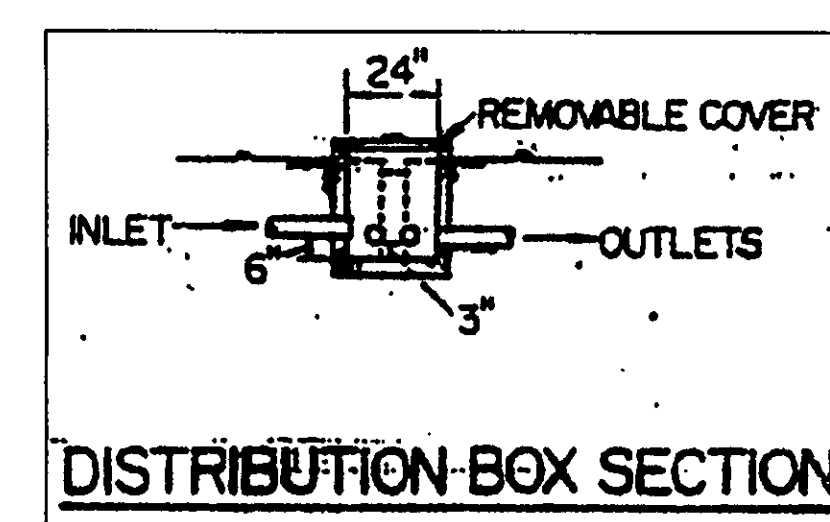
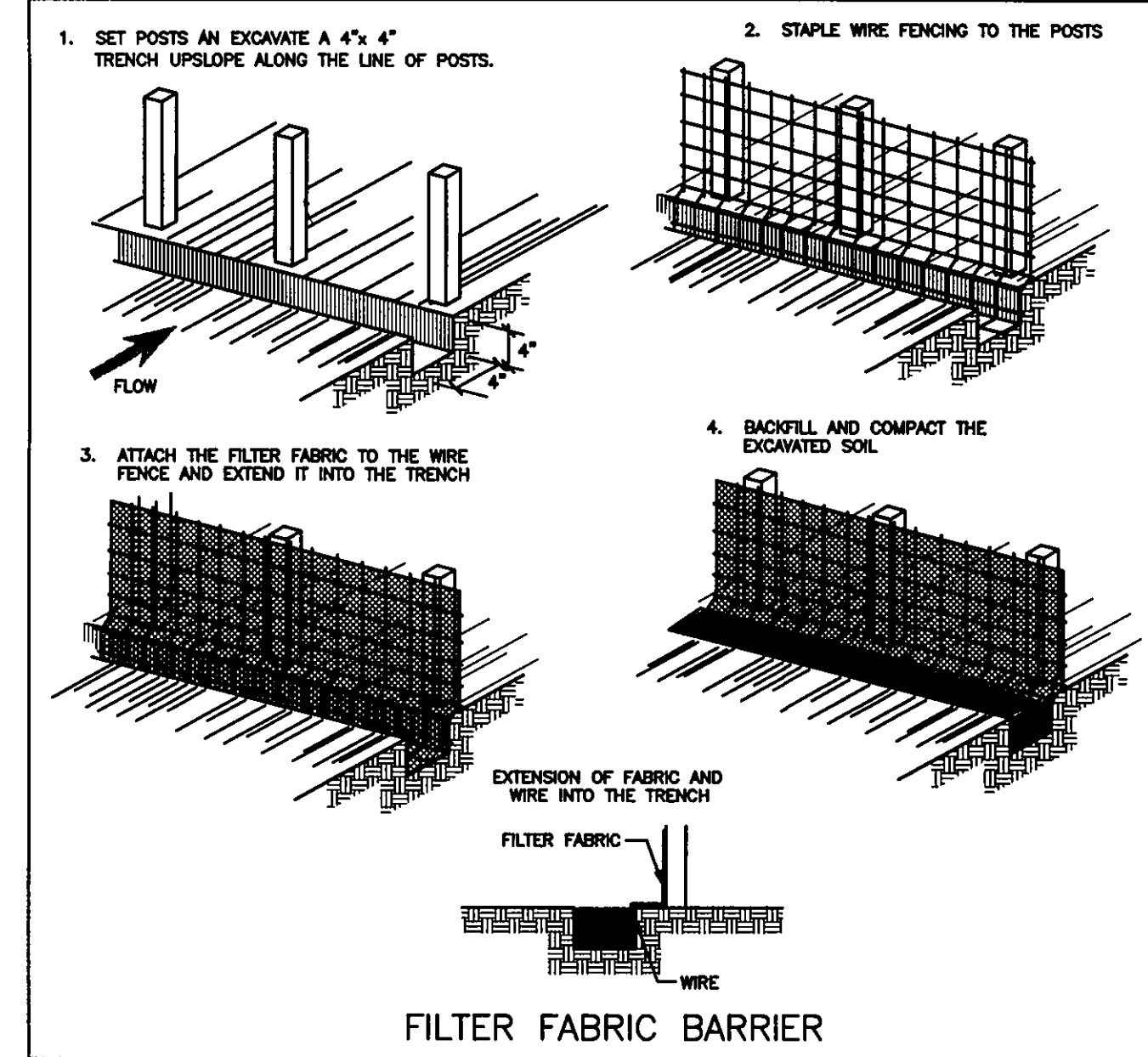
EACH SECTION OF THE LEACHING LINE SHALL BE PROVIDED WITH NOT LESS THAN ONE INSPECTION PORT. THE MINIMUM DIMENSION OF WHICH SHALL BE FOUR (4") INCHES.

THE DISTRIBUTION BOX, SPLITTER AND BOX AND INSPECTION PORTS SHALL BE BROUGHT TO GRADE AND SHALL BE PROVIDED WITH SECURED COVERS. THE MINIMUM INSIDE DIMENSIONS 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 DRAINAGE SHALL BE INSTALLED AS INDICATED ON THE PLAN.

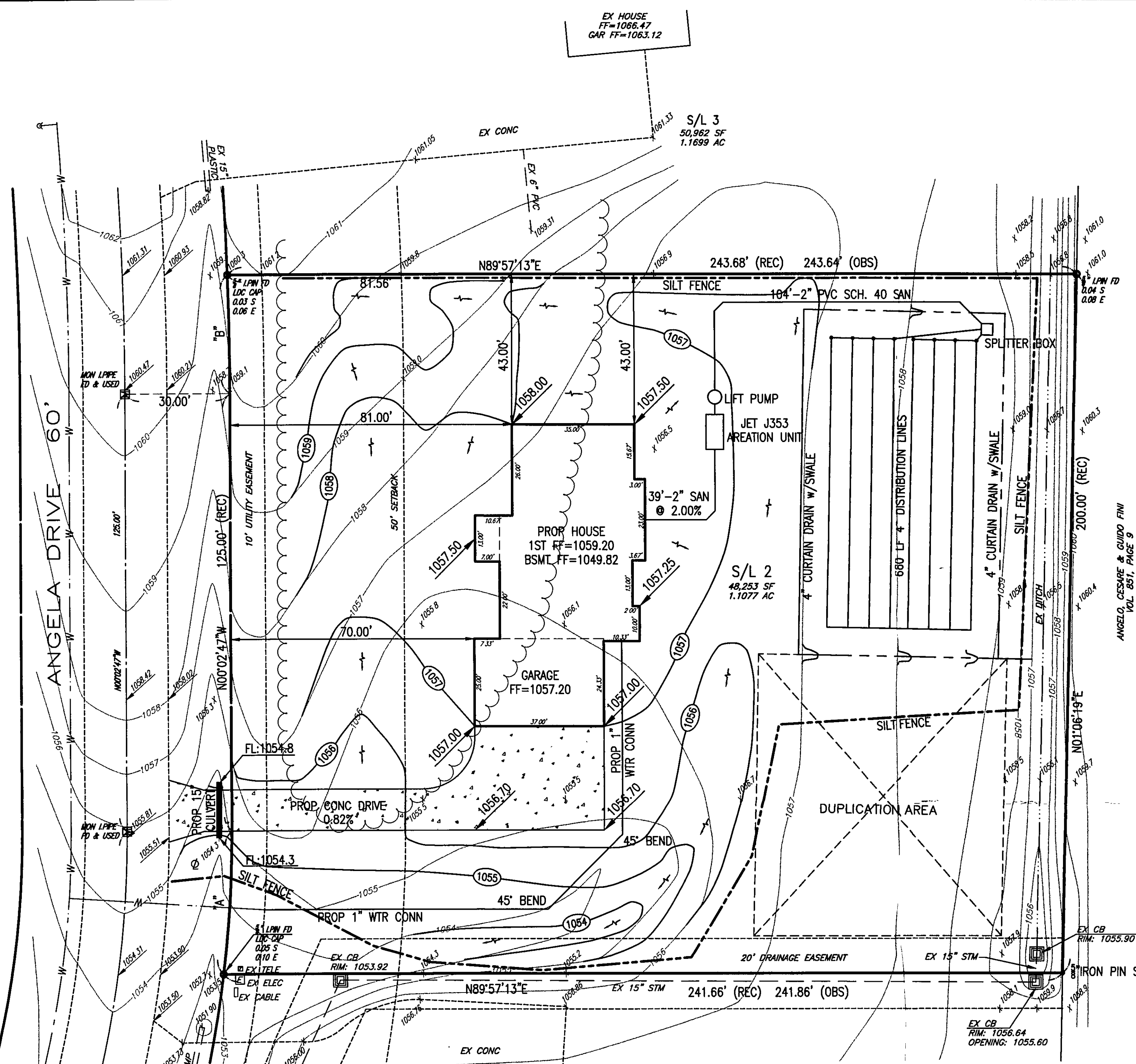
EVAPORATION-TRANSPARATION TRENCHES SHALL BE COVERED WITH TOPSOIL AND SEED. SHRUBBERY SHALL BE PROVIDED IN THE AREA OF THE FIELD IN A FASHION TO BEST ASSIST IN TRANSPORTATION.

IF DRILLING IS COMPLETED PRIOR TO COMPLETION OF THE PROPOSED WATER MAINS, A TEMPORARY WELL SHALL BE INSTALLED TO PROVIDE DOMESTIC WATER SUPPLY FOR THE DWELLING. UPON COMPLETION OF THE PROPOSED WATER MAIN, DRILLING SHALL BE CONNECTED TO THE MAIN AS INDICATED HEREON. WATER CONNECTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE OHIO WATER SERVICE COMPANY.



CURVE DATA "B"  
Δ=01°53'12"  
R=1030.00'  
L=33.92'  
T=16.96'  
C=33.92'  
NOO°59'23"W

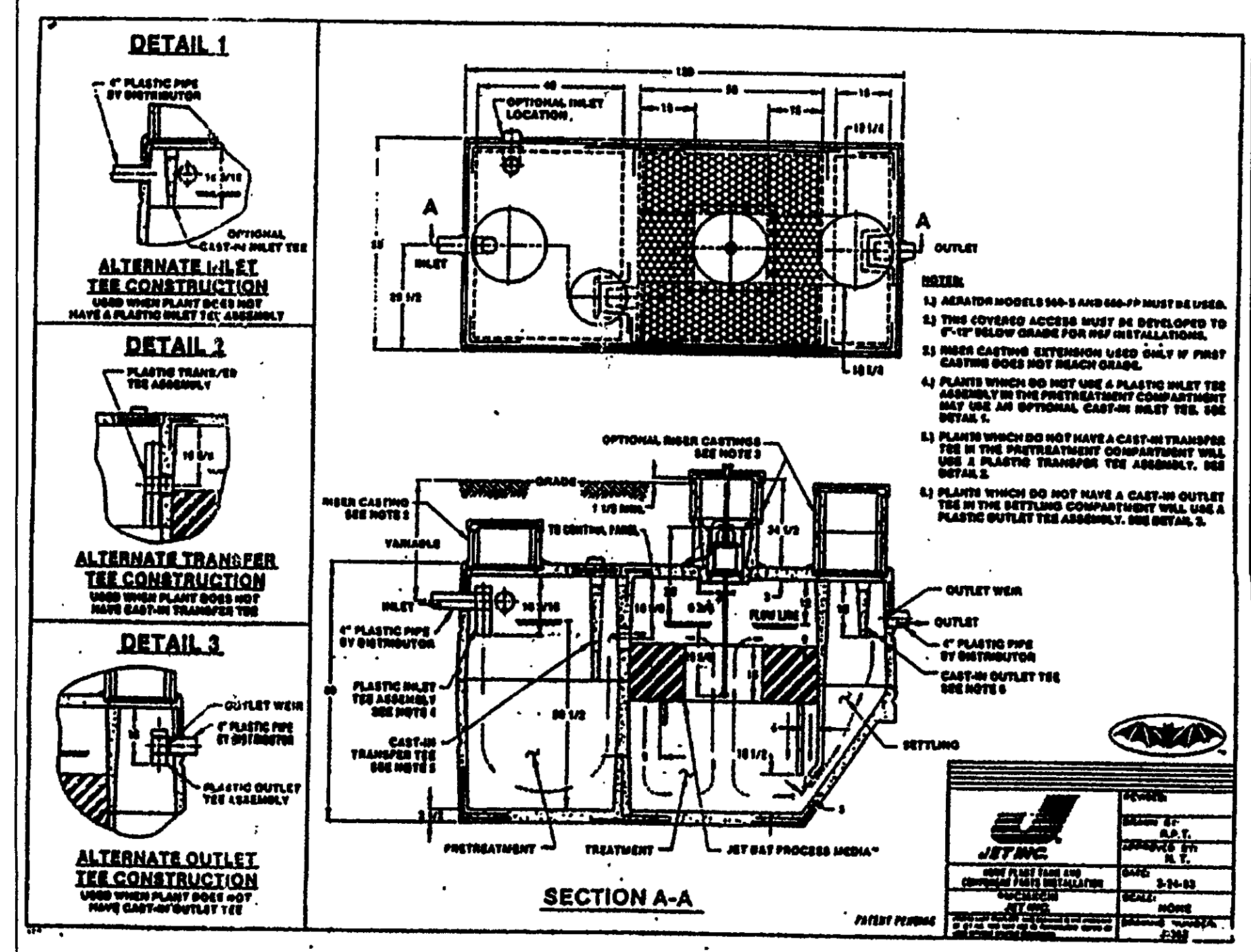
CURVE DATA "A"  
Δ=07°08'43"  
R=330.00'  
L=41.15'  
T=20.60'  
C=41.13'  
NO3°31'39"E



1060	PROP HOUSE									1060
	1ST FF=1059.20									
1055		PROP GRADE								1055
	FL 1054.82									
1050										1050
	BSMT FF=1049.82									
1045										1045

ROOF DRAINS SHALL DISCHARGE TO SPLASH BLOCKS.

Stormwater Management Plan  
Approved as shown and/or noted  
JAMES R. GILL, P.E.  
County Drainage Engineer,  
By P.S. date 8/4/04



S/L 2 Angela Dr.