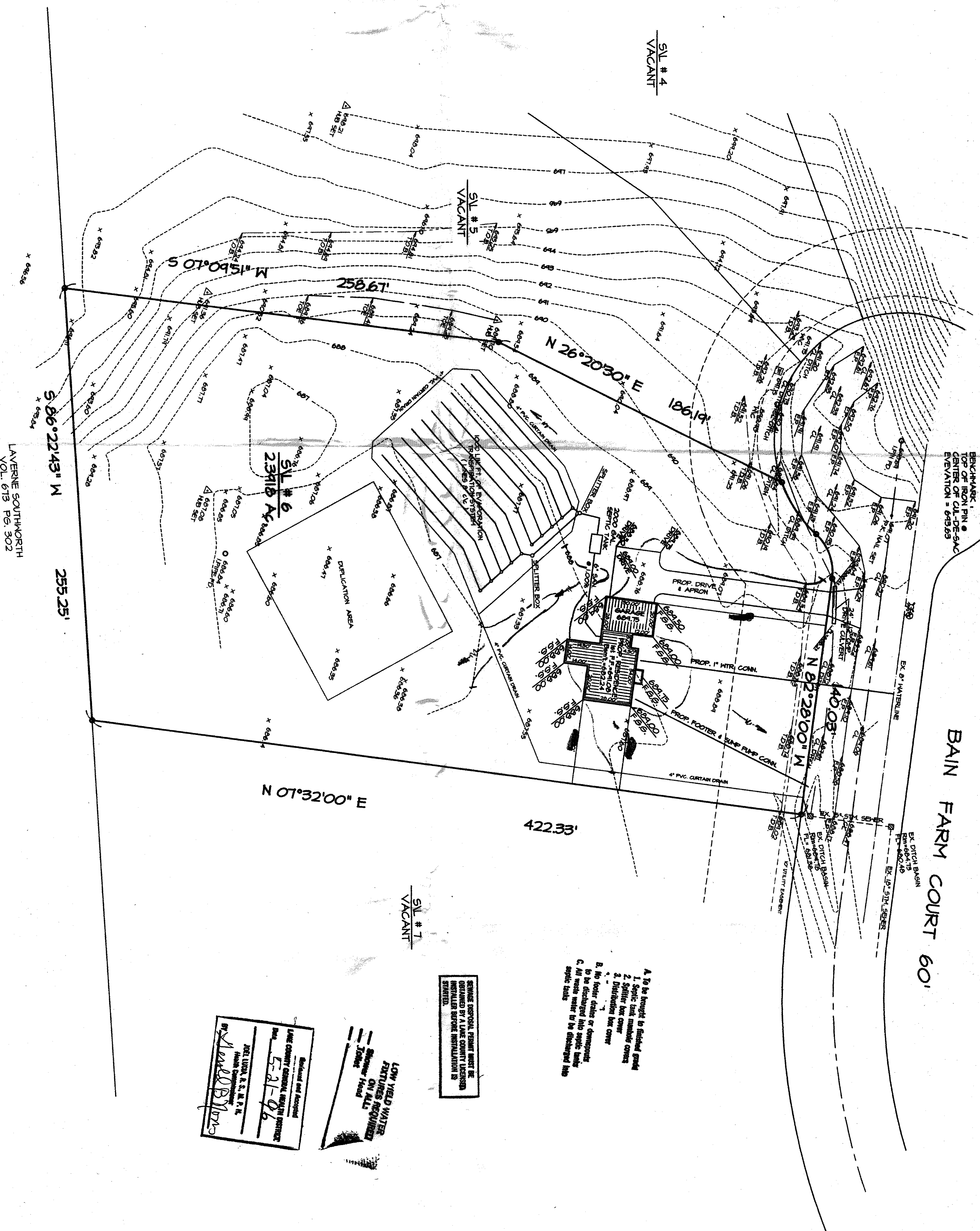


Drawing No.
 Location
 THOMAS R. CILLIES, P.E.
 Lake County Engineer
 By BJH Date 8.13.14

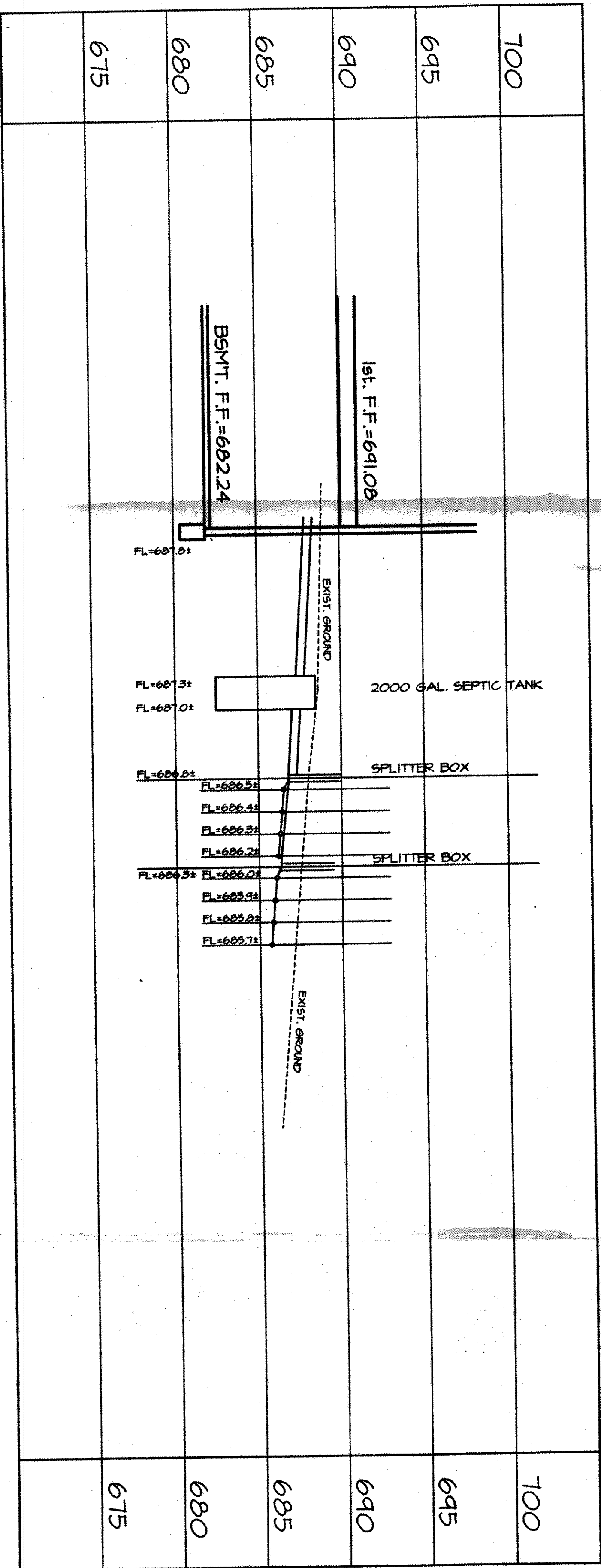
Scale:	
Horiz. 1" = 1' = 30'	
Vert. 1" = 1' = 30'	
Sheet No.	Of



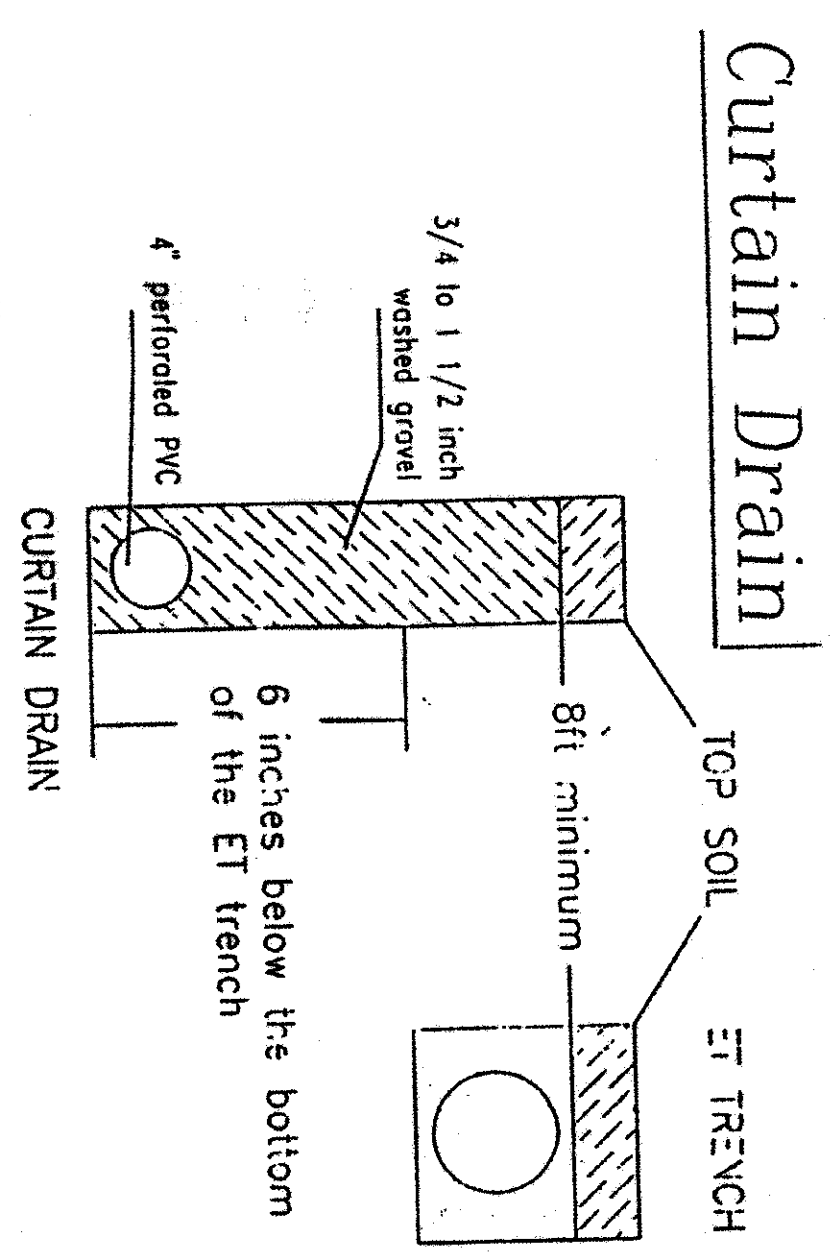
Rev. No.	Description	Date	By	CHKD

Drawn By	D. Abbott
File name	ss-3\98-31
Checked By:	

Scale:	Horizontal: 1" = 1'-0"
	Vertical: 1" = 1'-0"
Sheet No.	01

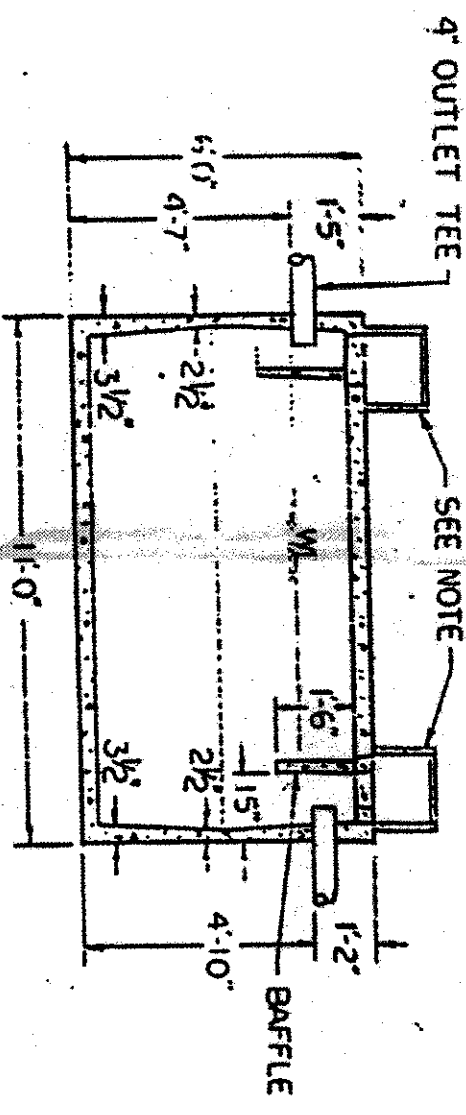


- ADDITIONAL NOTES:
- Minimum width of trench for curtain drain to be 12 inches
 - Minimum slope of curtain drain will be 6 inches in 10' feet
 - The curtain drain will have an inspection port at the collection point
 - of all four sides
 - The outlet of the curtain drain will be protected from the entrance of small animals
 - This design is for fields with a maximum width of 56 feet including curtain drops. When width exceeds 56 feet, differential between trenches will be increased to 2.5 feet



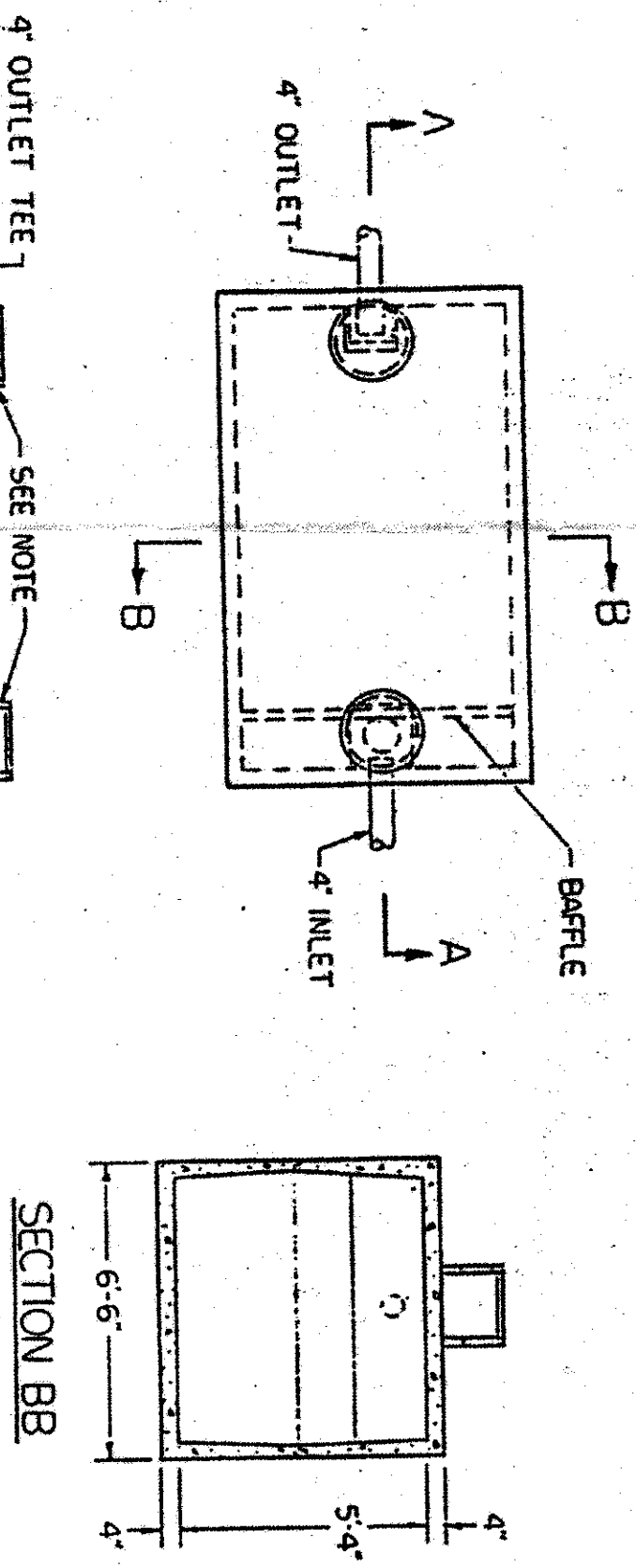
- 1) 10" DIA CONCRETE RISER 15 OR 24" HIGH WITH CONCRETE LID IS OPTIONAL
- 2) 4" DIA CONCRETE PLUG WITH HANDLE IS STANDARD EQUIPMENT

SECTION AA



2000 GAL. SEPTIC TANK

SCALE: 1/4" = 1'-0"	APPROVED BY:	DRAWN BY: <i>JD</i>
DATE: 4/7/83	REVIEWED:	
MACK INDUSTRIES, INC		
VALLEY CITY, OHIO 44280		
DRAWING NUMBER: P.4		



SURVEY CERTIFICATION:

"THIS IS TO CERTIFY THAT AT THE REQUEST OF THE OWNER, I HAVE SURVEYED SUBST. 1 & 2 IN THE PLANNED SUBDIVISION. I HAVE RECORDED THE SURVEY MAP AND THE SURVEY MAP HAS BEEN RECORDED IN THE PUBLIC 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 BOUNDARIES OF THE SUBDIVISION. I HAVE NOT BEEN AWARE OF ANY OTHER SURVEY OF THE SAME AREA AND I HAVE NOT BEEN AWARE OF ANY OTHER SURVEY OF THE SAME AREA. ALL OF WHICH I CERTIFY TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF."

WILLIAM D. LANDER P.S. # 4594
DATE: 4/7/83

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 28th DAY OF FEBRUARY, 1983, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON."

WILLIAM D. LANDER P.S. # 4594
DATE: 4/7/83

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 540 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 100 GPM OF HEAD.

IF A SEPARATE DRAINING CUMBER IS UTILIZED, THE CUMBER SHALL HAVE A MINIMUM CAPACITY OF 250 GALLONS. THE FLOAT LEVELS SHALL BE ADJUSTED TO PROVIDE FOR A 150 GALLON DRAINING VOLUME TO THE DISPOSAL FIELD.

ALL 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 SHALL BE PROTECTED FROM DAMAGE OR ACCIDENTAL DAMAGE. MECHANICAL COMPONENTS SHALL BE PROTECTED FROM DAMAGE OR ACCIDENTAL DAMAGE. MECHANICAL COMPONENTS SHALL BE PROTECTED FROM DAMAGE OR ACCIDENTAL DAMAGE.

MECHANICAL COMPONENTS SHALL BE INSTALLED IN A PROPERLY VENTED LOCATION AND SHALL BE PROTECTED FROM DAMAGE OR ACCIDENTAL DAMAGE. MECHANICAL COMPONENTS SHALL BE PROTECTED FROM DAMAGE OR ACCIDENTAL DAMAGE. MECHANICAL COMPONENTS SHALL BE PROTECTED FROM DAMAGE OR ACCIDENTAL DAMAGE.

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 DIAMETER OF WHICH SHALL BE FOUR (4) INCHES.

THE DISTRIBUTION BOX, SPLITTER BOX AND INSPECTION PORTS SHALL BE PROTECTED TO GRADE AND SHALL BE PROVIDED WITH SECURED COVERS. THE MINIMUM INSIDE DIAMETER OF THE BOX SHALL BE EIGHTEEN (18) INCHES IN WIDTH. THE BOX SHALL BE OF SUFFICIENT DEPTH TO PREVENT OVERLOOKING WHEN SLOPED.

SURFACE WATER SHALL BE DIVERTED AWAY FROM THE DISPOSAL FIELD AREAS BY THE USE OF SHADES. CURTAIN DRAINAGE SHALL BE INSTALLED AS INDICATED ON THE PLAN.

EVAPORATION-TRANSPIRATION REDUCERS SHALL BE COVERED WITH TOPSOIL AND SEEDED. SHOULDERING SHALL BE PLANTED IN THE AREA OF THE FIELD IN A MANNER TO BEYOND PROTECT IN TRANSPIRATION.

IF DRILLING IS COMPLETED PRIOR TO COMPLETION OF THE PROPOSED WATER SUPPLY, THE DRILLER SHALL BE INSTALLED TO PROVIDE CORRECT WATER SUPPLY FOR THE FIELD. THE DRILLER SHALL BE INSTALLED TO PROVIDE CORRECT WATER SUPPLY FOR THE FIELD. THE DRILLER SHALL BE INSTALLED TO PROVIDE CORRECT WATER SUPPLY FOR THE FIELD.

WATER CONNECTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE OHIO WATER SERVICE COMPANY.