

S/L 4

SYSTEM NO. 1 SYSTEM NO. 2

SITE IMPROVEMENT PLAN

SUBLOT NO. 2 IN RIVERWOOD SUBDIVISION AS RECORDED IN VOLUME 27, PAGE 28 OF THE LAKE COUNTY MAP RECORDS. NOW IN THE...

TOWNSHIP OF PERRY, COUNTY OF LAKE AND STATE OF OHIO.

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, SHOWER HEADS, AND FAUCETS.

NO OPEN BURNING WILL OCCUR DURING CONSTRUCTION.

ROOF WATER FOUNDATION DRAINAGE, GUTTER OVERFLOW, SURFACE DRAINAGE OR SEWERAGE 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 70 GPM AT 10.0 FEET 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 AND AEROSOLS.

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 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 IN WIDTH.

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 BY THE USE OF SWALES. CURTAIN DRAINS SHALL BE INSTALLED AS INDICATED ON THE PLAN.

EVAPORATION-TRANSPARATION 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 TRANSPARATION.

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

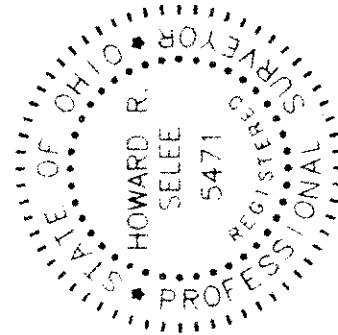
CERTIFICATION

THIS IS TO CERTIFY THAT AT THE REQUEST OF KAY HOMES, I HAVE SURVEYED AND PLATTED THE PARCEL OF LAND SHOWN HEREON, AND CONTAINING 2.726 ACRES OF LAND MONUMENTS WHERE FOUND OR SET AS INDICATED HEREON. DIMENSIONS SHOWN HEREON ARE EXPRESSED IN FEET AND DECIMAL PARTS THEREOF. BEARINGS SHOWN ARE TO AN ASSUMED MERIDIAN, AND ARE FOR THE SOLE PURPOSE OF DESCRIBING THE RELATIVE ANGULAR VALUE BETWEEN LINES. TOPOGRAPHY SHOWN HEREON INDICATED BY ONE (1) FOOT CONTOURS AND ELEVATIONS, REPRESENTS THE ACTUAL OBSERVED SITE GRADES OF SEPTEMBER 10, 1996 ALL OF WHICH I REPRESENTS TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Grading Plan Approved as shown and indicated on this plan
THOMAS P. GILES, P.E.
Lake County Engineer

Howard R. Selee
HOWARD R. SELEE, Ohio Surveyor #5471

By 6/14 Date 6-6-97
Drive culvert to be installed as per subdivision plans



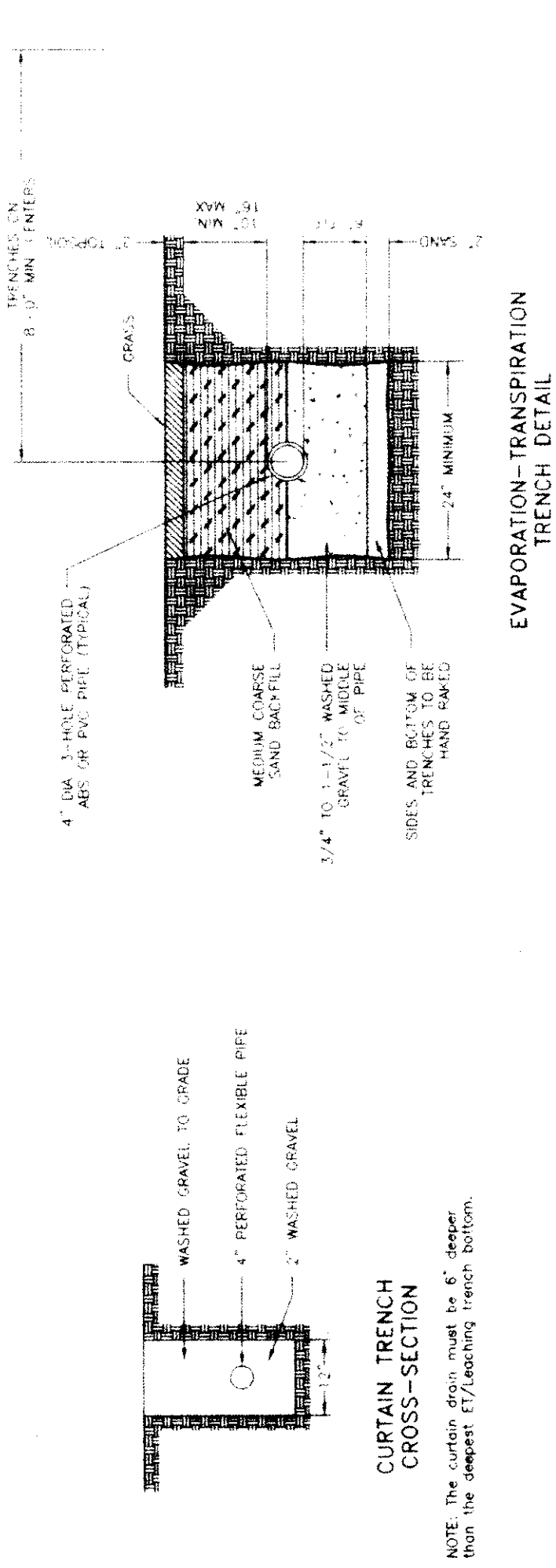
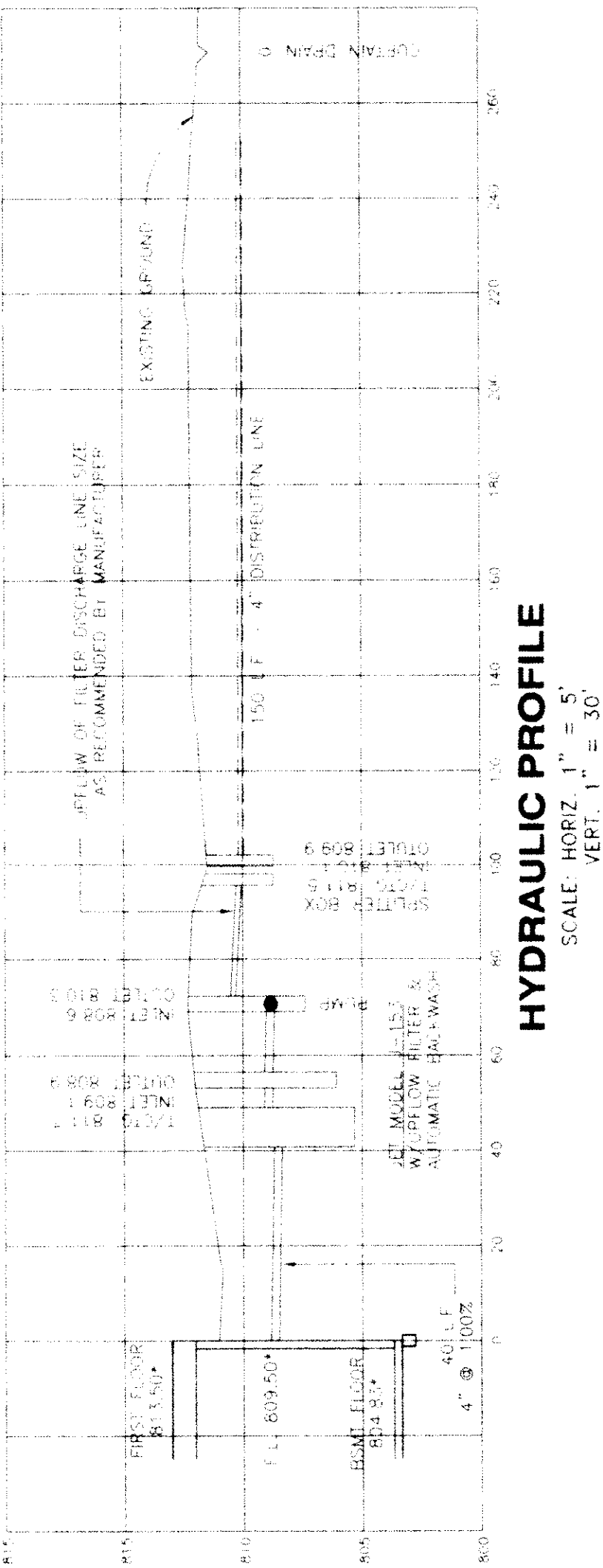
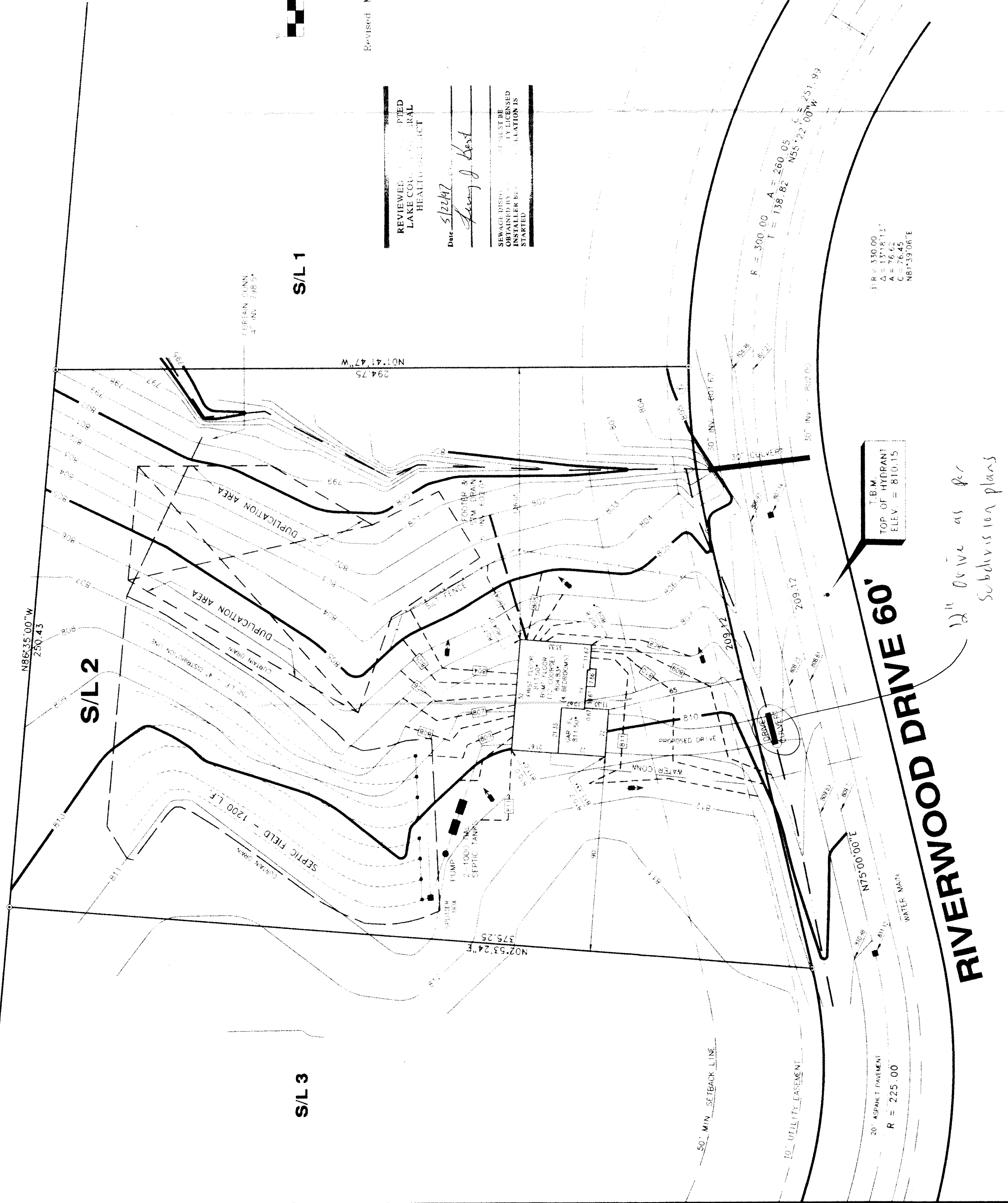
APPROVED
SIDE LINES & SET BACK
PERRY TOWNSHIP ZONING
PERMIT NO. 67200
ZONING INSPECTOR

ROOF DRAINS
SHALL DISCHARGE
TO SPLASH BLOCKS.

AS-BUILT GRADE CERTIFICATION

I HEREBY CERTIFY THAT ACTUAL FIELD OBSERVATIONS OF ELEVATIONS HAVE BEEN MADE UNDER MY SUPERVISION ON AND THAT THE GRADES SHOWN ACCURATELY DEPICT THE AS-BUILT CONDITIONS OBSERVED. I FURTHER CERTIFY THAT BOUNDARY MONUMENTS HAVE BEEN PLACED AT EACH CORNER OF THE PROPERTY IN ACCORDANCE WITH CURRENT MINIMUM STANDARDS FOR BOUNDARY SURVEYS IN THE STATE OF OHIO.

HOWARD R. SELEE, Ohio Surveyor #5471



NOTE: The curtain drain must be 6" deeper than the deepest 6" leaching trench bottom.