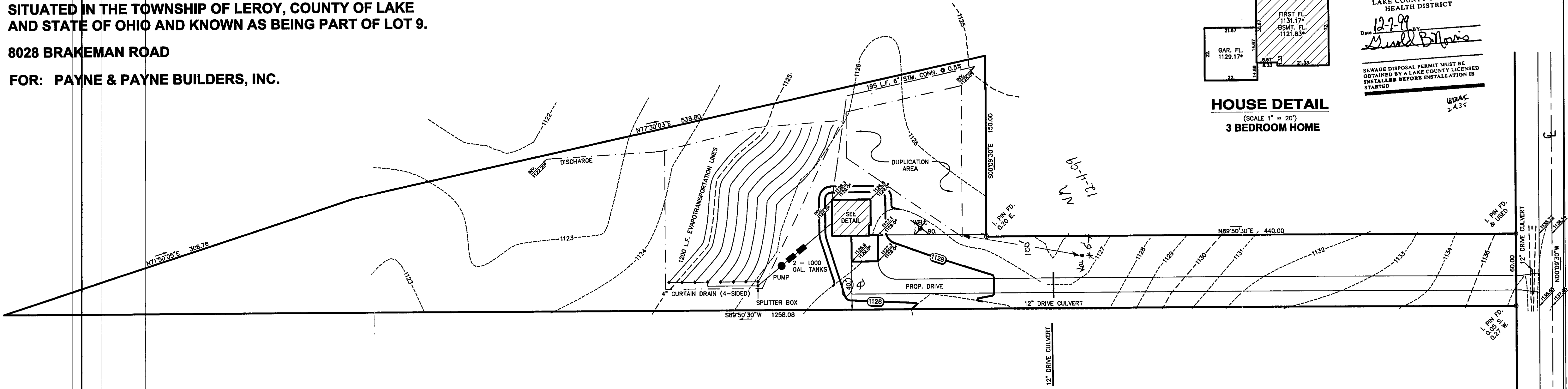


SITE IMPROVEMENT PLAN
SITUATED IN THE TOWNSHIP OF LEROY, COUNTY OF LAKE
AND STATE OF OHIO AND KNOWN AS BEING PART OF LOT 9.

8028 BRAKEMAN ROAD

FOR: PAYNE & PAYNE BUILDERS, INC.



HOUSE DETAIL
(SCALE 1" = 20')
3 BEDROOM HOME

REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL
HEALTH DISTRICT
Date 12-7-99
Sewage Disposal Permit must be
obtained by a Lake County Licensed
Installer before installation is
started

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 REFLECT 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.

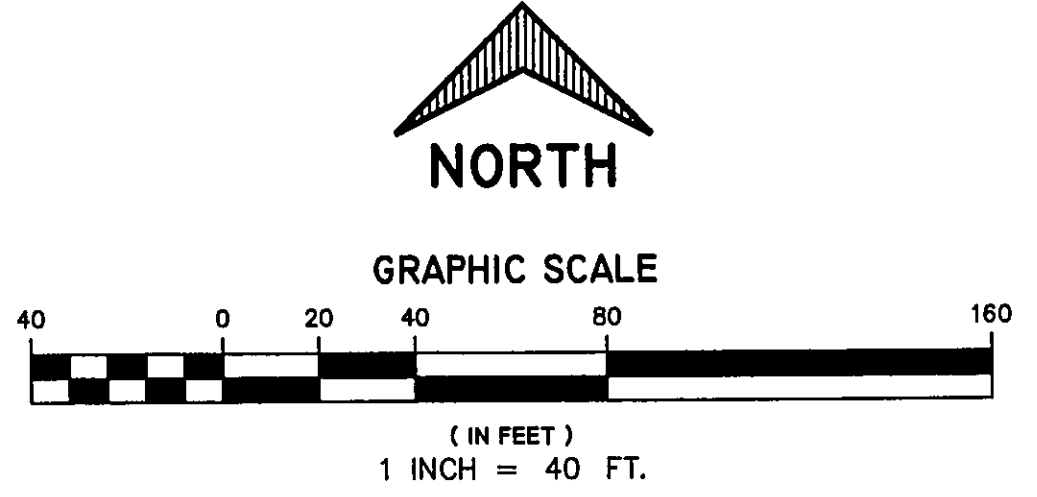
HOWARD R. SELEE, OHIO SURVEYOR #5471

BOUNDARY SURVEY CERTIFICATION:
THIS IS TO CERTIFY THAT AT THE REQUEST OF PAYNE & PAYNE BUILDERS, INC. I HAVE
SURVEYED AND PLATTED THE PARCEL OF LAND SHOWN HEREON. MONUMENTS WERE 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 VALUES BETWEEN LINES.
TOPOGRAPHY SHOWN HEREON INDICATED BY ONE (1) FOOT CONTOURS AND ELEVATIONS,
REPRESENTS THE ACTUAL OBSERVED SITE GRADES OF NOVEMBER 4, 1999. ALL OF WHICH I
CERTIFY TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

HOWARD R. SELEE, OHIO SURVEYOR #5471

CONSTRUCTION NOTES:

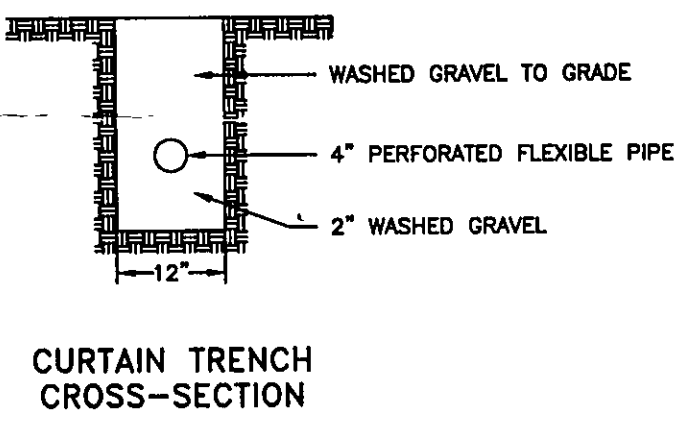
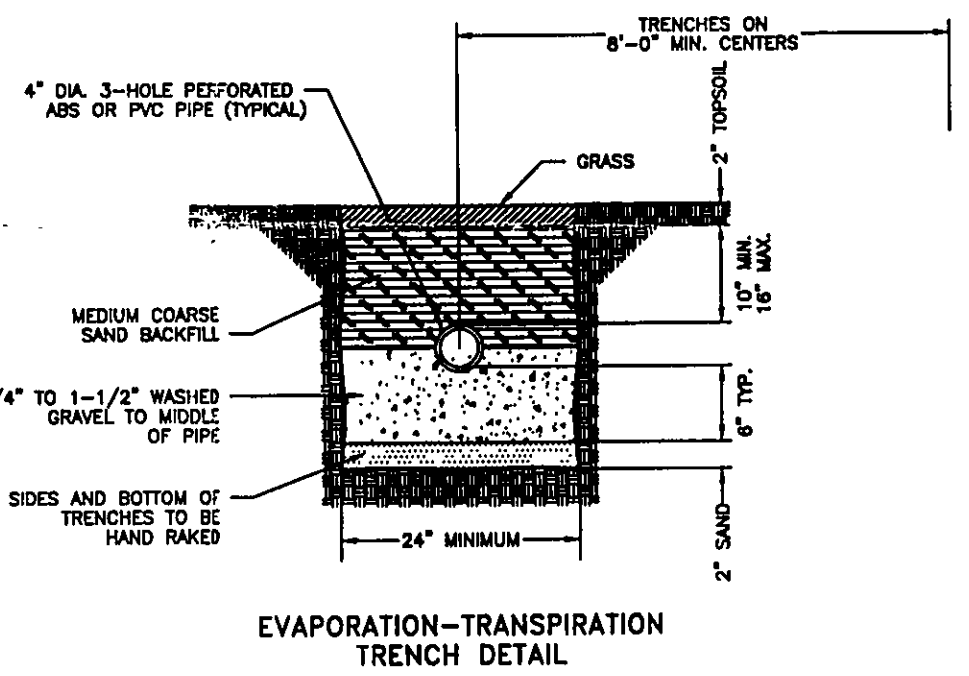
ALL CONSTRUCTION SHALL CONFORM TO THE LAKE COUNTY BOARD OF HEALTH AND THE
LAKE COUNTY BUILDING DEPARTMENT REGULATIONS.
DRAINAGE IMPROVEMENTS OR CHANGES FROM EXISTING GRADE NOTED ON THE APPROVED
PLAN SHALL BE INSTALLED PRIOR TO SEWAGE DISPOSAL SYSTEM CONSTRUCTION.
RESIDENCE MUST UTILIZE WATER SAVING TOILETS, SHOWER HEADS, AND FAUCETS.
NO OPEN BURNING WILL OCCUR DURING CONSTRUCTION.
ROOF WATER, FOUNDATION DRAINAGE, 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 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 160 GALLON DRAINING 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-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.
IF DWELLING IS COMPLETED PRIOR TO THE 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. 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.



NOVEMBER 4, 1999
REVISED: NOVEMBER 15, 1999 PER
LAKE COUNTY HEALTH DEPARTMENT.
REVISED: NOVEMBER 23, 1999

NOTES:
1125.0 INDICATES EXISTING ELEVATION
1126.0* INDICATES PROPOSED GRADE
--- 1127 --- INDICATES EXISTING CONTOUR LINE
--- 1128 --- INDICATES PROPOSED CONTOUR LINE
--- INDICATES DIRECTION OF SURFACE
WATER AFTER FINISH GRADING.
● IRON PIN SET OR FOUND.
FOOTER DRAIN TO BE SUMPED.

Dimensions shown are hereon expressed in feet and decimal
parts thereof. Monuments were found or set as indicated
hereon. Bearings shown are to an 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.
Howard R. Selee, Registered Surveyor #5471
STATE OF OHIO
HOWARD R. SELEE
5471
REGISTERED
PROFESSIONAL SURVEYOR

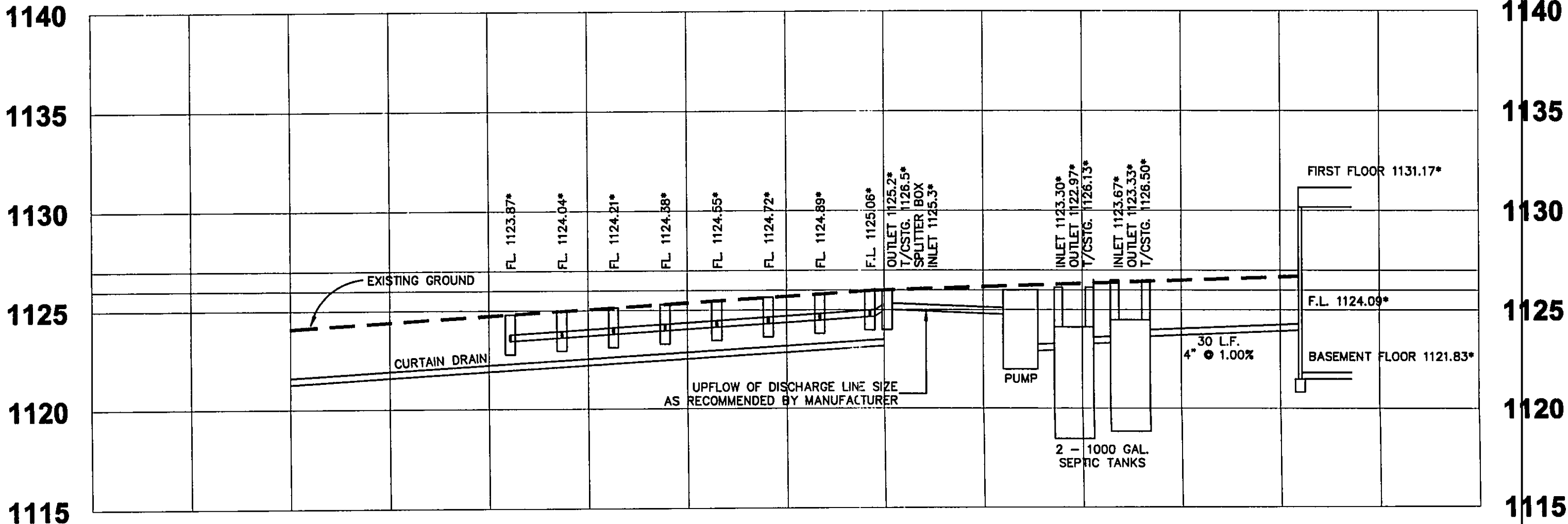


NOTE: The curtain drain must be 6" deeper
than the deepest ET/Leaching trench bottom.

SYSTEM NO. 2	SYSTEM NO. 1
FL. 1123.67	FL. 1125.06
FL. 1124.04	FL. 1124.55
FL. 1124.21	FL. 1124.72
FL. 1124.38	FL. 1124.89
FL. 1124.55	FL. 1125.06

DROP BOX ELEVATIONS
(NO SCALE)

HYDRAULIC PROFILE
SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'



HOWARD R. SELEE & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS
8701 BROOKPARK ROAD • SUITE 231 • CLEVELAND, OH 44129 • (216) 398-0280
File No. 99321-4