

ALL CONSTRUCTION SHALL CONFORM TO THE LAKE COUNTY BOARD OF HEALTH
AND THE LAKE COUNTY BUILDING DEPARTMENT REGULATIONS.

NO OPEN BURNING WILL OCCUR DURING CONSTRUCTION.

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

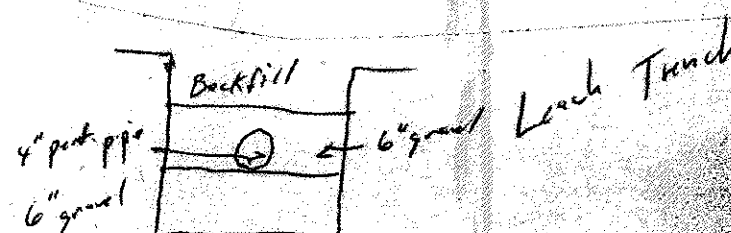
IF A SEPARATE PUMPING CHAMBER IS UTILIZED, THE CHAMBER SHALL HAVE A MINIMUM WORKING VOLUME OF 250 GALLONS. THE FLOAT LEVELS SHALL BE ADJUSTED TO PROVIDE FOR A 150 GALLONS DOSING VOLUME TO THE DISPOSAL FIELD.

MECHANICAL COMPONENTS SHALL BE INSTALLED IN 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.

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.

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 INCHES (18") IN WIDTH. THE BOX SHALL BE SUFFICIENT DEPTH TO PREVENT OVERFLOWING WHEN SURGED.

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.



The diagram illustrates a curtain drain system. The cross-section on the left shows a vertical pipe labeled "perforated PVC" at the bottom. Above the pipe is a layer of "3/4 to 1 1/2 inch washed gravel". The top of the gravel layer is labeled "8ft. minimum". The top of the entire assembly is labeled "TOP SOIL". To the right, a top-down view shows a circular "ET TRENCH" with a central pipe. A dimension line indicates a distance of "6 inches below the bottom of the ET trench" from the bottom of the trench to the bottom of the gravel layer.

- 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 drains. When width exceeds 56 feet, differential between trenches will be increased to 25 feet

NOTES

- 1 BEACH MARK TOP AND FRONT SIL 33 ELEV 689.98
2. --- (687.9) --- EXISTING GROUND CONTOURS
3. --- (687.9) --- PROPOSED GROUND CONTOURS
4. PROPOSED GROUND GRADES
5. ~~---~~ OVERLAND GROUND FLOW

I THE UNDERSIGNED HERBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY D.S. OUTLINES AND ELEVATIONS SHOWN HEREON, REPRESENTS AN ACTUAL FIELD SURVEY MADE BY ME ON DEC 11, 1991 AND THAT THE ELEVATIONS, INTERVALS AND THAT AS OF THAT DATE EXISTED AS INDICATED HEREON. *Joseph W. Kmita*

I CERTIFY THAT THE BOUNDARY SURVEY IS IN ACCORDANCE WITH CURRENT MINIMUM STANDARDS FOR BOUNDARY SURVEYS *Real William*

SEPTIC SYSTEM PROFILE

687.3

FURNISH

687.1 GRADE

ALL M.I.'S AND CASTINGS TO GRADE 687.0

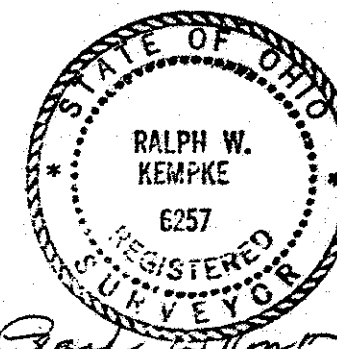
685.5 SPLITTER BOX

685.4 685.30 685.20 685.10 685.30 685.20 685.10

DISTRIBUTION BOXES

20' M.I.

687.0



7 OF 2