690 680 685 695 105 10 00 SPLITTER BOX FL=697.8± FL=697.1± TYPICAL FL=696.3± FL=695.9± FL=695.8± SPLITTER BOX FL=695.5± FL=695.1± FL=694.7± SEPTIC FL=694.3± FL=693.9± **PN**下 FL=697.8± SPLITTER BOX ADJUSIMENT OF THE FLOATS

The floats in the lift pump station are to be adjusted so that:

- The gallons in the dosing zone do not exceed the internal volume of the pipe in the ET Field - An audible and visital alarm are activated if the water level enters the SAFETY ZONE Lift Electrical wiring for the lift station will be in conformance with local, state and national electric codes ADDITONAL NOTES:

- Minimum width of trench for curtain drain to be 12 inches

- Minimum slope of curtain drain will be 6 inches in 10 foot

- 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 2.5 feet Curtain OUT FL=693.5± IN FL=692.3± LIFT PUMP Station 1000 GAL OUT FL=692.5± 3/4 SEPTIC TANK ₽; IN FL=692.7± 1000 GAL ОЛ FL=693.0: perforated PVC SEPTIC TANK ashed gravel IN FL=693.2± 690 Drain FL=693.5± with a maximum width of 56 feet including Ith exceeds 56 feet, differential between trenches feet CURTAIN Bsmt. F.F.=688.33 lst. MINIMUM LIFT STATION SIZE SHALL BE 200 GALLONS Ή DRAIN ੁ 6 8ft minimum inches b 697.00 TOP DOSING SAFETY SOIL below trench - 4" PVC from Aerator NOTE: Below the level of the outlet Pump Childproof lid to grade Pipe to D. Box w/disconnect ZONE ZONE the For power outages, etc.
Minimum capacity
48 gal per bedroom 4. **4**948 bottom Normal operating range of the pump TRENCH 680 685 690 695 700 105 "THIS IS TO CERTIFY THAT AT THE REQUEST OF THE OWNER, I HAVE SURVEYED SUBLOT # 5 IN THE BAIN FARM SUBDIVISION IN ACCORDANCE WITH THE PLAT WHICH IS RECORDED IN VOLUME 24 PAGE 15-1 OF LAKE COUNTY PLAT RECORDS. AT ALL POINTS SO INDICATED, IRON PIN MONIMENTS WERE EITHER FOUND OR SET. DISTANCES SHOWN ARE IN FERT AND DECIMAL PARTS THEREOF, BEARINGS SHOWN ARE BASED UPON 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."

WILLIAM D. LANDEG P.S. # 45/14

WILLIAM D. LANDEG P.S. # 45/14 MILLIAM D. LANDEG P.S. # 4594 "I, THE UNDERSIGNED HEREBY CERTIFY THAT THIS TOPOGRAPHY SHOWN HEREON INDICATED BY I'-O" CONTOURS AND ELEVATIONS REPRESENTS AN ACTUAL FIELD TOPOGRAPHICAL SURVEY MADE BY ME ON THE 28th. DAY OF FEBRUARY, 1996 AND THAT THE ELEVATIONS MERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON." 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 (10) INCHES IN WIDTH. THE BOX SHALL BE OF 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. SURFACE WATER SHALL BE DIVERTED AWAY FROM THE DISPOSAL FIELD AREAS BY THE USE OF SWALES. CURTAIN DRAINS SHALL BE INSTALLED AS INDICATED ON THE PLAN. CONTROL AND ALARM CIRCUITS FOR AERATION SYSTEM AND LIFT PUMP SHALL BE WIRED TO A COMMON ANNINCIATOR 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. 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. DRAINAGE IMPROVEMENTS OR CHANGES FROM EXISTING GRADE NOTED ON THE APPROVED PLAN SHALL BE INSTALLED PRIOR TO SEWAGE DISPOSAL SYSTEM CONSTRUCTION. ELECTRICAL WORK AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE. AERATION-TYPE TREATMENT SYSTEM SHALL CONFORM TO SECTION 840 OF THE LAKE COUNTY BOARD OF HEALTH REGULATIONS. RESIDENCE MUST UTILIZE WATER SAVING TOILETS, SHOWERHEADS AND FAUCETS. ALL CONSTRUCTION SHALL CONFORM TO THE LAKE COUNTY BOARD OF HEALTH AND THE LAKE COUNTY BUILDING DEPARTMENT REGULATIONS. SEWAGE LIFT PUMP SHALL BE CAPABLE OF LIFTING RESIDENTIAL SEWAGE EFFLUENT AT A RATE OF 70 GPM AT 10.0 GPM OF HEAD. 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. MECHANICAL COMPONENTS INSTALLED IN OR AT THE SEWAGE TANK SHALL SE PROTECTED AGAINST DAMAGE OR IMPAIRMENT OF EFFICIENCY BY LOODING, FOAMING OR SURCHARGING. PUMPS MUST BE READILY REMOVABLE ROM THE MANHOLE IN CASE OF PUMP FAILURE. MECHANICAL COMPONENTS SHALL BE INSTALLED IN A PROPERLY VENTED OCATION AND ALL VENTS, AIR INTAKES AND AIR HOSES SHALL BE ROTECTED FROM SNOW, ICE OR MATER VAPOR ACCUMULATIONS.

NSTALLATION SHALL BE MADE TO MINIMIZE RELEASE OF ODORS. NO OPEN BURNING WILL OCCUR DURING CONSTRUCTION. CERTIFICATION CONSTRUCTION NOTES 15SUED 4-8-97 SUBJECT TO APPROVAL BY:
Lake County Sanitary Eng.
Lake County Eng. Dept.
Lake County Planning Comm.
Lake County Bidg. Dept.

SUBLOI

Drawn By D.Abbott
Filename: 96-32\96-32
Checked By:

COUNTY HEALTH DEPT.

Description r. ADDED 2-1000 GAL. SEPTIC TANKS

12\24\46 Date

By D.Abbo

CH'K'D

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

DEC 24 1996 LAKE NO.

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13/29/96