

CONSTRUCTION NOTES

LOCATION OF MOUND TO BE STAKED BY CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION.

NEASURE THE AVERAGE GROUND ELEVATION ALONG THE UPSLOPE EDGE OF THE UPPER TRENCH BOTTOM ELEVATION OF THE TRENCHES TO BE A MINNEM OF IS ABOVE THS ELEVATION AS SHOWN ON THE DETAIL

DETERMINE WHERE THE PIPE FROM THE PUMPING CHAMBER CONNECTS TO THE DISTREUTION SYSTEM IN THE MOUND.

TRENCH AND LAY THE EMPLIENT PIPE FROM THE PUMPING CHAMBER TO THE MOUND. CUT AND CAP THE PPE ONE FT, BENEATH THE GROUND SURFACE LAY PPE BELOW PROST LINE SLOPING UNFORKLY BACK TO THE PUMPING CHAMBER SO THAT THE UNE DRAINS AFTER DOSING BACKFLL AND COMPACT SOL AROUND PPE TO PREVENT BACK SEEPAGE OF EFFLIENT ALONG THE PPE.

CHECK THE MOISTURE CONTENT OF THE SOL AT 7-8 IN DEEP, IF IT IS TOO WET, SAMEARING AND COMPACTION WILL RESULT, SOL MOISTURE CAN BE DETERMINED BY ROLLING A SOL SAMPLE BETWEEN THE HANDS. IF IT ROLLS INTO A REBON THE SITE IS TOO WET TO POEPARE FIT CRUMBLES, SOL PREPARATION CAN PROCEED.

CUT TREES TO GROUND LEVEL REMOVE EXCESS VEGETATION BY MOWING PREPARE THE SITE USING A MOLDBOARD OR CHISEL PLOW BY PLOWING PERPINDICILAR TO THE SLOPE ROTOTILING THE SITE IS NOT PERMITTED CONSTRUCTION OF THE MOUND SHALL BEGN AS SOON AS THE BASE AREA HAS BEEN PLOWED. THE CONTRACTOR SHALL AVOID RUTTING OF PLOWED AREA WITH VEHICLLAR TRAFFIG.

EXTEND THE EFFICIENT PPE TO SEVERAL FEET ABOVE THE GROUND SURFACE.

PLACE THE FILL MATERIAL WHICH HAS BEEN PROPERLY SELECTED AROUND THE EDGE OF THE PLOWED AREA. KEEP WHEELS OF TRUCK OFF FLOWED AREAS. MANAZE TRAFFIC ON THE DOWNSLOPE SDE OF THE MOUND. WORK FROM THE END AND UPSLOPE SDE.

MOVE THE FILL MATERIAL INTO PLACE USING A SMALL TRACK TYPE TRACTOR WITH A BLACE. ALWAYS KEEP A MINMAIM OF 6' OF SAND BENEATH TRACKS TO PREVENT COMPACTION OF THE NATURAL SOL.

PLACE THE FILL MATERIAL TO THE REQUIRED DEPTH WHICH IS THE TOP OF THE TRENCHES. SHAPE SIDES TO THE DESIRED SLOPE.

WITH THE BLADE OF THE TRACTOR, FORM THE TRENCHES, HAND LEVEL THE BOTTOM OF THE TRENCHES. THE BOTTOMS SHALL BE AT THE SAME ELEVATION AND LEVEL

PLACE THE COARSE AGGREGATE IN THE TRENCHES, AGGREGATE SHALL BE 1/2-2 N. NON-DETERIORATING AGGREGATE.

PLACE THE DISTRIBUTION SYSTEM ON THE AGGREGATE, CONNECT THE MANIFOLD TO THE PPE FROM THE PUMPING CHAMBER, SLOPE MANFOLD TO EMPLIENT PIPE, LAY LATERALS LEVEL, REMOVING RISES AND DPS.

CROSS SECTION - MOUND

Fabric,

Aggregate

Absorption Area

JUUUN

Basal

Area

4 septil of to second

PLACE 2 N. OF AGGREGATE OVER THE DISTRIBUTION PIPER.

Sand Fil

% Slope

PLACE 4-5 N. OF UNCOMPACTED STRAW OR MARSH HAY, UNTREATED BUILDING PAPER OR A SYNTHETIC FABRIC, SUCH AS TYPAR, MRAPI OR THE ECUIVALENT OVER AGGREGATE.

PLACE SOL ON TOP OF THE TRENCHES TO A DEPTH OF 1 FT. IN THE CENTER AND & N. AT THE OUTER EDGE OF THE TRENCHES. THIS MAY BE A SUBSOL OR TOPSOL.

PLACE 6 IN OF GOOD QUALITY TOPSOL OVER THE ENTIRE MOUND SURFACE, TI. WILL PAISE THE ELEVATION AT THE CENTER OF THE MOUND TO A MINMUM OF IS FT IND THE CUITS DE EDGES OF THE TRENCHES TO 1 FT.

LANDSCAPE THE MOUND BY SEEDING AND MULCHING, A MIXTURE OF 901 BROSFOOT TREEFOL AND LOS TIMOTHY MAY BE USED IF THE MOUND WILL NOT BE MANICURED. IF MANCLRING IS DESRED, A COMMINATION OF 601 BLUEGRASS, 301 CREEPING RED PESCUE AND 10'S ANNUAL RYC GRASS MAY BE USED. SHRUBS CAN BE PLANTED AROUND THE BASE AND UP THE SDESLOPES. THEY SHOULD BE SOMEWHAT MOISTLIRE TOLERANT SINCE THE TCE OF THE MOUND MAY BE SOMEWHAT MOIST DURING VARIOUS TIMES OF THE YEAR, ALL LAWS AND RILES OF THE MANE COUNTY GENERAL HEALTH DISTRICT AND THE OHO DEPARTMENT OF HEALTH PERTANNS TO NOMOUAL SEWAGE DISPOSAL AND WATER SUPPLY SYSTEMS SHALL BE FOLLOWED.

BULDING CONSTRUCTION SHALL COMPLY TO ALL APPLICABLE REGULATIONS OF THE LAKE COUNTY BUILDING DEPARTMENT.

RESDENCE MUST LITLIZE WAYER SAVING TOLETS, SHOWER-EADS, AND FALICEYS.

DRANAGE IMPROVENENTS OR CHANGES FROM EXISTING GRADIE NOTED ON THE APPROVED. PLAN SHALL BE INSTALLED PRIOR TO SEWAGE DISPOSAL SYSTEM CONSTRUCTION.

NO OPEN BURNING WILL OCCUP DURING CONSTRUCTION

DOWNSPOLTS AND POOTER DRANG SHALL BE CONNECTED TO THE MOUND SYSTEM CURTAIN DRAN AS SHOWN ON THE PLANS

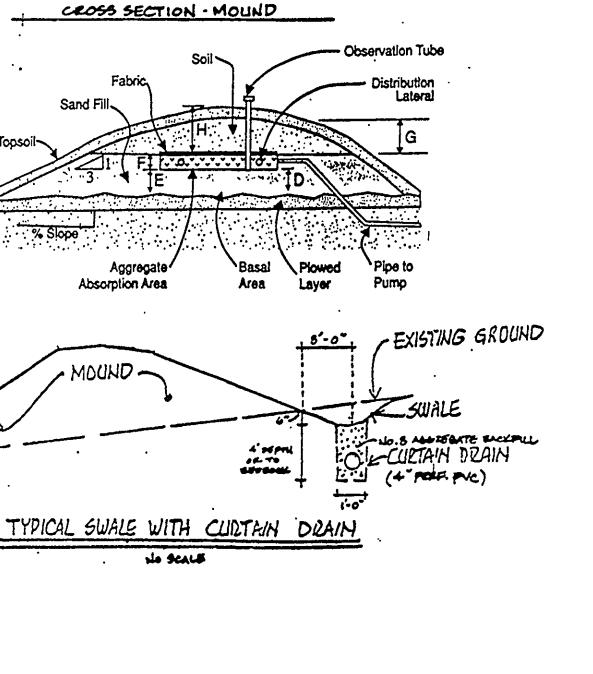
SURFACE WATER SHALL BE INVERTED AWAY FROM THE MOUND AREA BY THE USE OF SWALES

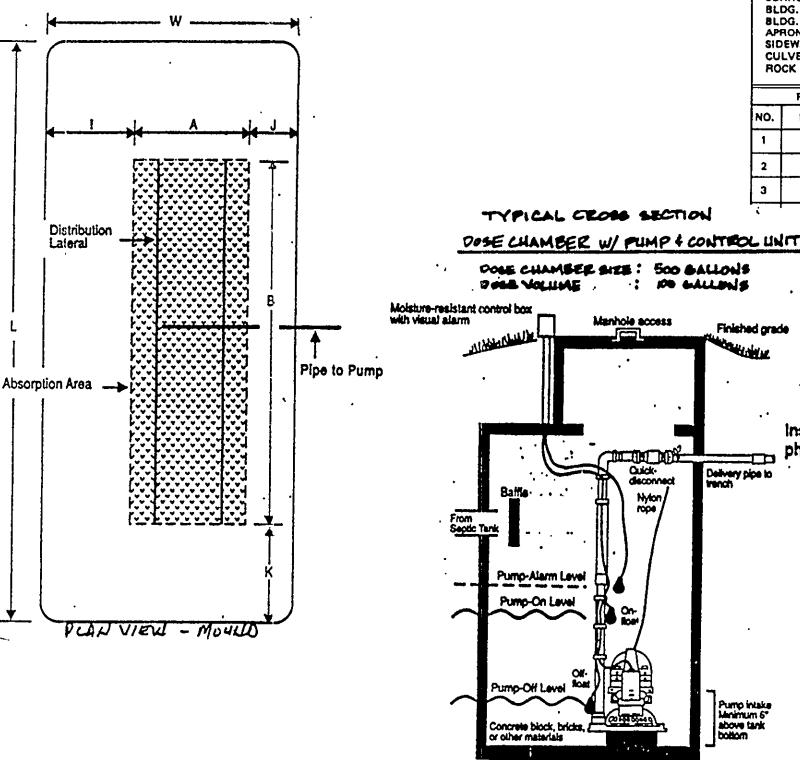
SEWAGE LIFT PUMP SHALL BY CAPABLE OF LIFTING RESIDENTIAL SEWAGE EFFLUENT AT A RATE OF 44 CPM AT 104"Y, OF LEAD, THE PUNPING CHANGER SHALL HAVE A MINKLAI CAPACITY OF 500 GALLONS. THE PLOAT LEVELS SHALL BE ADJUSTED TO PROVIDE FOR A MOGALLON DOSNG VOLUME TO THE MOUND.

ELECTRICAL WORK & EQUIPMENT SHALL CONFORM WITH THE CURRENT EDITION OF THE . NATIONAL ELECTRICAL CODE.

MECHANICAL COMPONENTS SHALL BE INSTALLED IN A PROPERLY VENTED LOCATION AND ALL VENTS, AR INTAKES AND AR HOSES SHALL BE PROTECTED FROM SNOVI, ICE OF WATER VAPOR ACCUALLATIONS. INSTALLATION SHALL BE MADE TO MINIMIZE RELEASE OF COORS AND AREOSOLS.

MECHANICAL COMPONENTS INSTALLED IN OR AT THE SEWAGE TANK SHALL BE PROTECTED AGAINST DAMAGE OR IMPAFEMENT OF EFFICIENCY BY FLOODING, FOAMING OR SURCHARGING. PUMPS MUST BE READLY REMOVABLE FROM THE MANHOLE NICASE OF PUMP FALLRE.





SNCORD TOWNSHIR LAKE COUNTY, OHIO

for: KERN BUILDING

100.0 PROP. ELEV.

ADDRESS

MOULT ROYAL SUB SUBDIVISION 18-18 NAME VOLATEG.

SUBLOT NO.

STORM

HYDRANT

EXIST. ELEV.

SANITARY MANHOLE

INLET OR CATCH BASIN

EXISTING CONTOURS

PROPOSED CONTOURS

CITY STREET TRACT PAGE MOUNT KOYAL I)R STREET PERM. PARCEL NO.

LEGEND

WATER VALVE (GAS)

WATER METER (GAS) AS BUILT ELEVATION INDICATES

DIRECTION OF SURFACE DRAINAGE

1000

REMARKS

ALL BOUNDARY DATA SHOWN WAS OBTAINED FROM (DEEDS, RECORDED SUBDIVISION PLAT OR OTHER PUBLIC RECORDS)

LOCATIONS AS SHOWN OF ADJACENT WELLS AND SEPTIC TANKS OBTAINED FROM LAKE COUNTY HEALTH DEPARTMENT

DESIGN CERTIFICATION

THIS PLAT WAS PREPARED BY ME, AND IS CORRECT

NAME SURVEYOR REGISTRATION NO.

CHECK LIST

NO. OF BEDROOMS DIMENSIONS BEARINGS TIE TO NEAREST STREET SUBLOT NO. PARCEL NO. SURROUNDING OWNERS BLDG. DIMENSIONS FIN. GR. BLDG. TIES FL'R. GRADES APRON TYPE WIDTH THICKNESS SIDEWALK TYPE WIDTH THICKNESS CULVERT TYPE DIA., LENGTH ROCK OUTCROPPINGS

WATER MAIN SIZE, LOCATION SAN. SEWER SIZE % GR. LOC. SAN, MH. CAST, ELEV. INV. ELEV. SAN, CONN. SIZE, LOC. DEPTH STORM SEWER SIZE % GR. LOC. STORM MH. CAST ELEV. INV. ELEV. PAV'T TYPE GRADE CURBS GAS LINE LOC. SIZE PRESSURE SEPTIC TANK LOCATION & DUPLICATION AREA WELL LOCATION ISOLATION RADIUS FROM WELL

REVISIONS **PLAN PREPARED BY:** DATE BABCOCK • JONES & ASSOCIATES, INC. PAINESVILLE, OHIO PHONE NO. 357-1811 11/13/97

2.42

"AS BUILT" CERTIFICATION

CERTIFY THAT THE CIRCLED GRADES ARE EXISTING Finished grade DES CHECKED IN THE FIELD ON_ PRRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SURVEYOR

Inspections to be conducted by design engineer at the following phases of construction:

- 1. After preparation of basal area
- 2. After placement of the mound fill material and mound distribution laterals
- 3. After placement of remaining fill, topsoil & seeding

1	MOUND	DIMENSIONS (PT.)			
A	4.0	F	0.67	7	15,25
В	100,0	6	1.0	K	12.68
0	2.0	н	1.5	L	125,0.
E	2.2	I	11.3	¥	30,75·

USE MERCUEY CONTROL PLOATS 4 QUALITY. ALAEM W/ A MESCUEY CONTROL FLOAT.