

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

TEST HOUSE WITH DELTA TO SEDROCK (ft.)	
21	2.0
22	3.0
23	3.0
24	2.5
25	2.5

37041 15321 524651071- ②

**LOW YIELD WATER
FIXTURES REQUIRED
ON ALL
Shower Head
Toilet**

Reviewed and Accepted _____
LAKE COUNTY GENERAL HEALTH DISTRICT
 Date 8-20-96 B

 KERRY ANDERSON, R. S., M.P., H.L.
 Health District Supervisor

 SGT Demetrius

A. To be brought to finished grade
 1. Septic tank manhole covers
 2. Splitter box cover
 3. Distribution box cover

B. No footer drains or downspouts to be discharged into septic tanks

C. All waste water to be discharged into septic tanks

SOIL CLASSIFICATION
 Da.B
 DARKEN SILT CLAY
 (CENTRE SITE)

CONSTRUCTION NOTES:

LOCATION OF HOUND TO BE STAKED BY CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION. MEASURE THE AVERAGE GROUND ELEVATION ALONG THE UPSLOPE EDGE OF THE UPPER TERRACE. POSITION ELEVATION OF THE TERRACES TO BE A MINIMUM OF 18" ABOVE THIS BOTTOM ELEVATION OF THE DETAIL.

DETERMINE WHERE THE PIPE FROM THE PUMPING CHAMBER CONNECTS TO THE 18" DIAMETER 12' HIGHT

TRENCH AND LAY THE EFFLUENT PIPE FROM THE PUMPING CHAMBER TO THE MOUND.
CUT AND CAP THE PIPE ONE FT. BELOW THE GROUND SURFACE. LAY PIPE BELOW FROST
LINE, SLOPING UNFORMALLY BACK TO THE PUMPING CHAMBER SO THAT THE LINE DRAINS
AFTER DOWSING, BACKFILL, AND COMPACT SOIL AROUND PIPE TO PREVENT BACK SEEPAGE
OF EFFLUENT ALONG THE PIPE.

CHECK THE MOISTURE CONTENT OF THE SOL AT 7-8 IN. DEEP. IF IT IS TOO WET, SNEARING AND COMPACTION WILL RESULT. SOL MOISTURE CAN BE DETERMINED BY ROLLING A SOL SAMPLE BETWEEN THE HANDS. IF IT ROLLS INTO A REBBON, THE SITE IS TOO WET FOR PREPARING 3.15 IN. CBI MILES. SOL PREPARATION CAN PROCEED.

OUT TREES TO GROUND LEVEL. REMOVE EXCESS VEGETATION BY MOWING. PREPARE THE SITE USING A SLOPE OF 0:1. FLOW BY FLOWING PERPENDICULAR TO THE SLOPE. ROTOTILLING THE SITE IS NOT PERMITTED. CONSTRUCTION OF THE MOUND SHALL BEGIN AS SOON AS THE BASE AREA HAS BEEN FLOWED. THE CONTRACTOR SHALL AVOID ROTTING OF FLOWED AREA WITH VEHICLE TRAFFIC.

EXTEND THE EFFLUENT PIPE TO SEVERAL FEET ABOVE THE GROUND SURFACE.

PLACE THE FILL MATERIAL WHICH HAS BEEN PROPERLY SELECTED AROUND THE EDGE OF THE FLOVED AREA. KEEP WHEELS OF TRUCK OFF FLOVED AREAS TO AVOID TRAFFIC ON THE FLOVED SIDE OF THE MOUND, DOWN THE END AND UPSLOPE SIDE.

MOVE THE FILL MATERIAL INTO PLACE USING A SMALL TRACK TYPE TRACTOR WITH A BLADE. ALWAYS KEEP A MINIMUM OF 6" OF SAND BENEATH TRACKS TO PREVENT COMPACTION OF THE NATURAL SOIL.

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

TRENCHES. THE BOTTOMS SHALL BE AT THE SAME ELEVATION AND LEVEL.
PLACE THE COARSE AGGREGATE IN THE TRENCHES. AGGREGATE SHALL BE 1/2-2 IN.
NON-DETERIORATING AGGREGATE.

PLACE THE DISTRIBUTION SYSTEM ON THE AGGREGATE, CONNECT THE MANFOLD TO THE PPE FROM THE PUMPING CHAMBER, SLOPE MANFOLD TO EFFLUENT PPE, LAY LATERALS LEVEL, REMOVING RISERS AND DIPS.

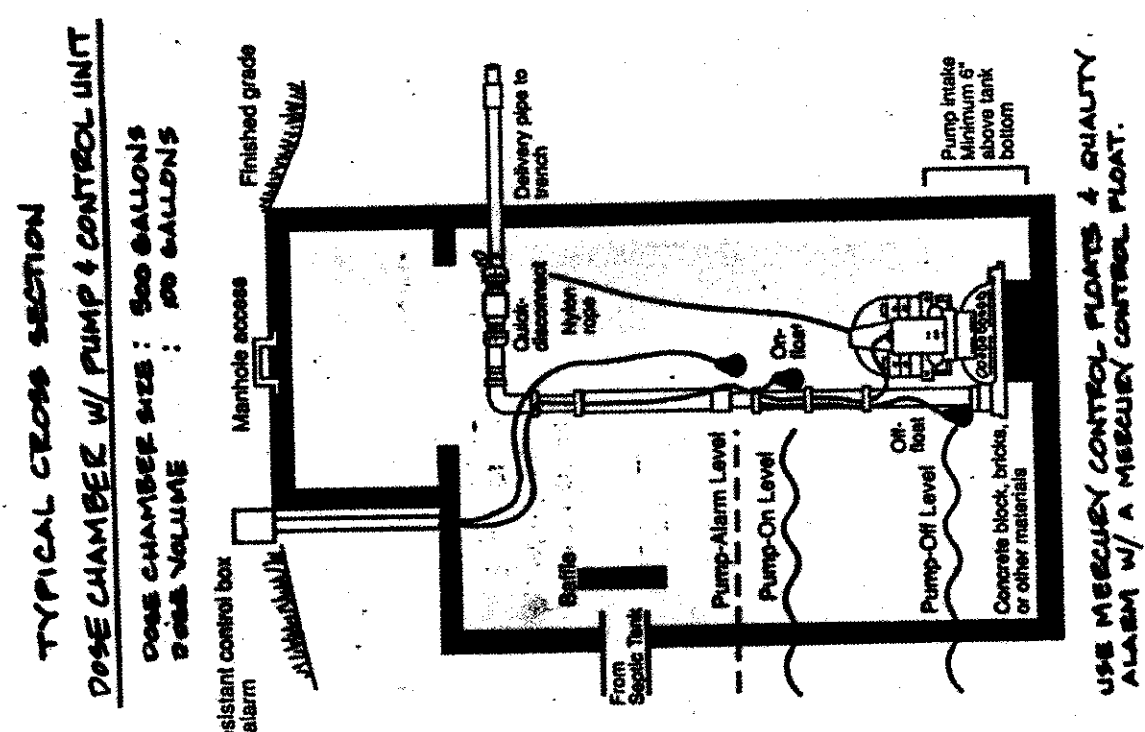
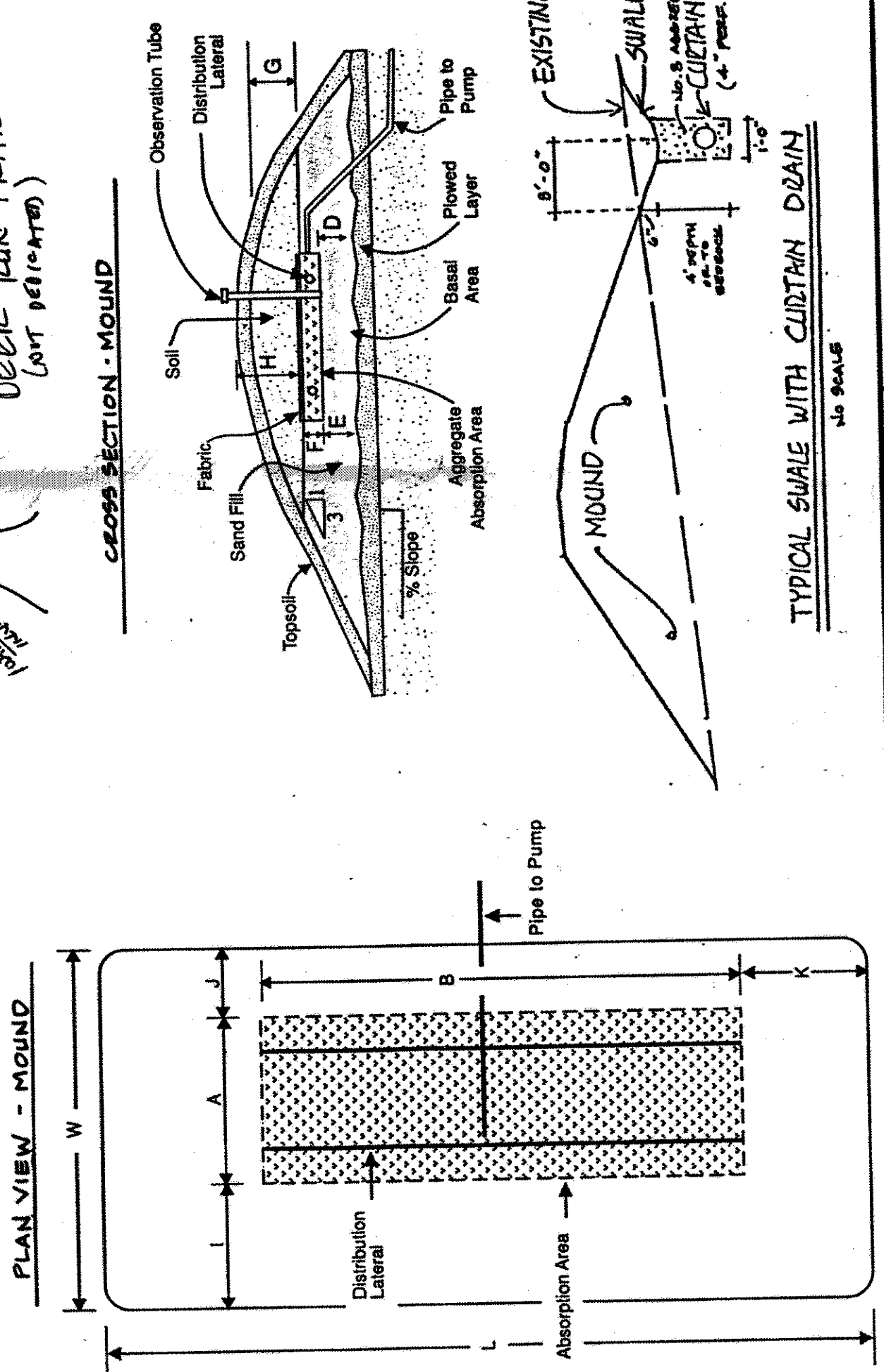
PLACE 2 N OF AGGREGATE OVER THE DISTRIBUTION PILES:	DATE

DATE	JUNE 1996
DESIGN BY	AH
DRAWN BY	AH
APPROVED BY	AH

babcock, jones and associates, inc.
CIVIL ENGINEERS - SURVEYORS - LAND PLANNERS
PAINESVILLE OHIO 44077

REV NO.	DESCRIPTION	DATE	BY	CHKD
1	Approved OREN	7-3-96	HT	HT
2	Revisions per L.C. Hertzberg DGR.	7-19-96	HT	HT

1120



"I, the undersigned, hereby certify that this topography indicated by 6", 1" or 2" contours, and elevations shown herein represent an actual field survey made by me on the 21st day of July, 1914, and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated herein."

Name Harry J. Jones Reg. No. 63413
92443576

MOUND DIMENSIONS (FT.)					
A	4.0	F	0.75	J	11.85
B	17.0	G	1.0	K	15.0
D	2.0	H	1.5	L	143.0
E	2.2	I	12.0	W	27.25



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