

EROSION CONTROL PLAN & SCHEDULE

SILT FENCE TO BE INSTALLED PRIOR TO ANY EARTHWORK ACTIVITY, IN LOCATION SHOWN ON PLANS, PER DETAIL.

STONE SHALL BE INSTALLED IN FUTURE DRIVEWAY AREA 20 FEET WIDE AND 50 FEET LONG TO PREVENT VEHICLES FROM TRACKING SEDIMENT OFF THIS SITE INGRESS AND EGRESS TO BE LIMITED TO THIS AREA ONLY.

SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT ALL PHASES OF EARTH DISTURBING ACTIVITY. SETTLING FACILITIES, PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN (7) DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE DISTURBED AREA IS PERMANENTLY RESTABILIZED.

DISTURBED AREAS SHALL HAVE SOIL STABILIZATION WITHIN NO MORE THAN SEVEN (7) DAYS IF THEY ARE TO REMAIN DORMANT UNDISTURBED FOR MORE THAN THIRTY-FIVE (35) DAYS. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN NO MORE THAN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. AND SHALL ALSO BE APPLIED WITHIN NO MORE THAN SEVEN (7) DAYS TO DISTURBED AREAS WHICH MAY NOT BE AT FINAL GRADE, BUT WILL REMAIN DORMANT FOR LONGER THAN THIRTY-FIVE (35) DAYS.

STABILIZATION OF CRITICAL AREAS WITHIN 50 FEET OF ANY STREAM OR WETLAND SHALL BE TEMPORARILY STABILIZED WITHIN TWO (2) DAYS OF DISTURBANCE IF AREA WILL REMAIN INACTIVE FOR FOURTEEN (14) DAYS OR LONGER. CONSTRUCTION VEHICLES SHALL AVOID STREAMS AND THEIR BUFFER AREAS. IF ANY ACTIVE DRAINAGE WAY MUST BE CROSSED BY CONSTRUCTION VEHICLES REPEATEDLY DURING CONSTRUCTION, AN APPROVED TEMPORARY STREAM CROSSING SHALL BE CONSTRUCTED.

SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED TO PREVENT SOIL LOSS. STABILIZATION SHALL BE REQUIRED IF STOCKPILES ARE LOCATED WITHIN CRITICAL AREAS NEAR STREAM OR WETLANDS, OR IF DETERMINED BY THE ADMINISTRATOR THAT SEDIMENT FROM STOCKPILES WILL LEAVE THE SITE.

SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED BY THE OWNER OR HIS/HER AGENT EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL EVENT. A WRITTEN LOG OF THESE INSPECTIONS AND IMPROVEMENTS TO CONTROLS SHALL BE KEPT ON SITE. THESE INSPECTIONS SHALL INCLUDE THE DATE OF INSPECTION, NAME OF INSPECTOR, WEATHER CONDITIONS, THE ACTIONS TAKEN TO CORRECT ANY PROBLEMS AND THE DATE ACTIONS WERE TAKEN.

MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, OR ONTO PUBLIC ROADS. WHERE SOIL IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY AS NECESSARY. SOIL SHALL BE REMOVED FROM PAVED SURFACES BY SHOVELING OR SWEEPING. STREET WASHING SHALL BE ALLOWED ONLY AFTER MOST SEDIMENT HAS BEEN REMOVED BY SHOVELING OR SWEEPING.

THE ABOVE SPECIFIED EROSION CONTROL STANDARDS ARE GENERAL GUIDELINES AND SHALL NOT LIMIT THE RIGHT OF THE COUNTY TO IMPOSE, AT ANY TIME, ADDITIONAL, MORE STRINGENT REQUIREMENTS, NOR SHALL THE STANDARDS LIMIT THE RIGHT OF THE COUNTY TO WAIVE, IN WRITING, INDIVIDUAL REQUIREMENTS.

PERMANENT SEEDING TO BE INSTALLED AFTER ALL CONSTRUCTION ACTIVITY IS COMPLETE.

SEEDING AND MULCHING NOTES

SEDIMENT CONTROL SHALL BE ACCOMPLISHED BY SEEDING AND MULCHING IMMEDIATELY UPON COMPLETION OF EXCAVATION OF FILL AND FINISHED GRADING IN ACCORDANCE WITH ITEM NO. 659 ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

THE FOLLOWING MIXTURE SHALL BE USED FOR SEEDING IN ACCORDANCE WITH ODOT ITEM 659.

KENTUCKY BLUE GRASS- 40%
CREEPING RED FESCUE- 40% 3#/ 1000 S.F.
PERENNIAL RYEGRASS- 20%
FERTILIZER- 20#/ 1000 S.F. (12-12-12)
MULCH-STRAW/ 3 TONS/ ACRE

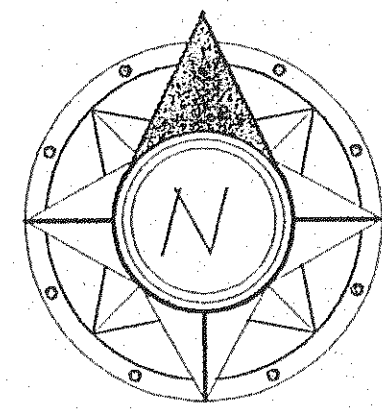
CONCORD TOWNSHIP ZONING OFFICE

ZONING PERMIT # 0205-12032

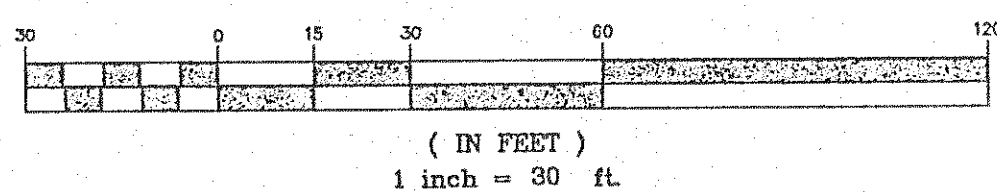
ISSUED 2/4/05

SUBJECT TO APPROVAL BY:

- ☒ Lake Co. Sanitary Engineer
☒ Lake Co. Eng. Dept.
☒ Lake Co. Planning Comm.
☒ Lake Co. Building Dept.
☒ Lake Co. Soil & Water Cons. Dist.



GRAPHIC SCALE



Approximate Locations of Soil Borings done by Jim Fincham

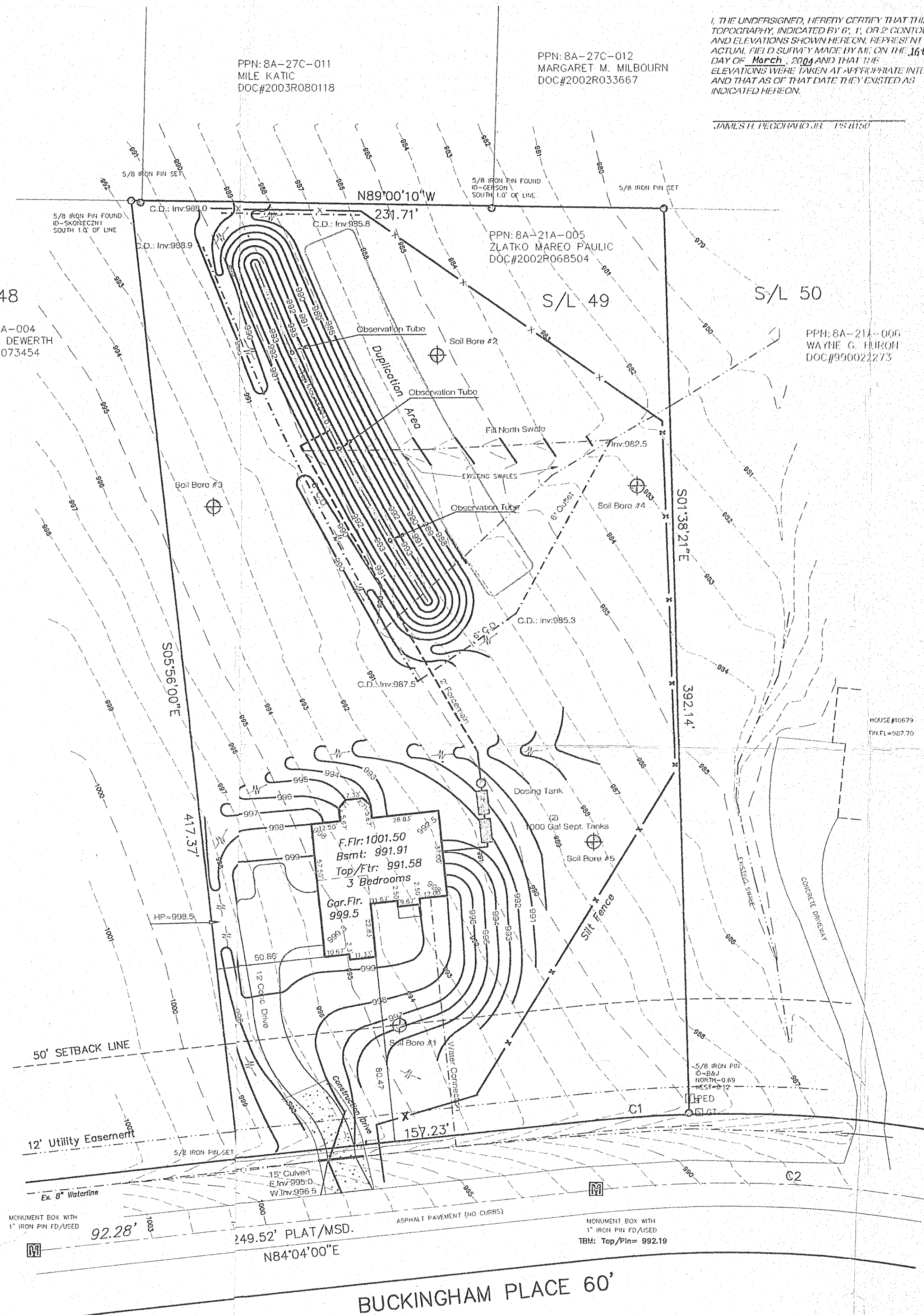
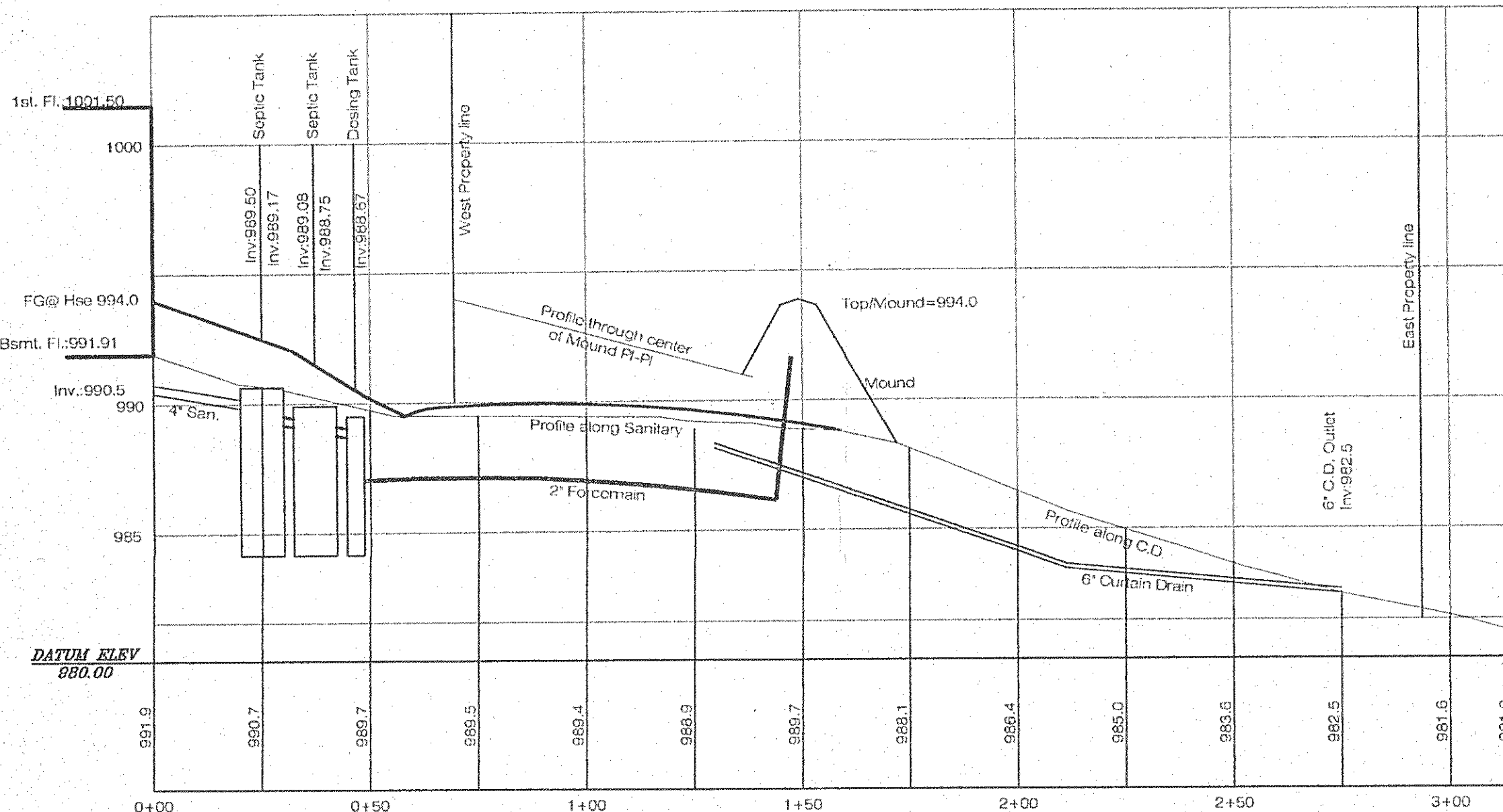
REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL
HEALTH DISTRICT

Date 12-14-04 BY [Signature]

SEWAGE DISPOSAL PERMIT MUST BE
OBTAINED BY A LAKE COUNTY LICENSED
INSTALLER BEFORE INSTALLATION OF
HYDRAULIC PROFILE

Hydraulic Profile

Horizontal: 1"=30'
Vertical: 1"=5'



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY D, 1, OF 2 CONTOURS, AND ELEVATIONS SHOWN HEREON REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 16th DAY OF March, 2004 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON.

JAMES H. PEGORARO, JR. 158-B150

SITE PLAN

For : MAREO PAULIC
CLIENT

642 ADDRESS PENDLEY STREET WILLOWICK OHIO

49 MOUNT ROYAL NO. 31
SUBLOT No. HOBBINGHAM HALL VOL. PAGE
6 & 12 4 TRACT CONCORD TWP. OHIO



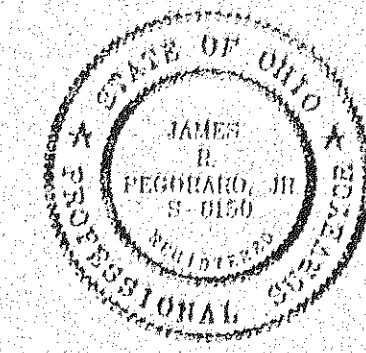
DESIGN CERTIFICATION

THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

James H. Pegoraro, Jr.
NAME

CHECK LIST

1. LOT DIMENSIONS & BEARINGS
2. TO IMPROVED STREET
3. SURVEY NO. (PARCEL NO.)
4. SURROUNDING LOTS
5. DRAINAGE CONDUITS
6. EXISTING & PROPOSED
7. EXISTING & PROPOSED
8. EXISTING & PROPOSED
9. EXISTING & PROPOSED
10. EXISTING & PROPOSED
11. EXISTING & PROPOSED
12. EXISTING & PROPOSED
13. EXISTING & PROPOSED
14. EXISTING & PROPOSED
15. EXISTING & PROPOSED
16. EXISTING & PROPOSED
17. EXISTING & PROPOSED
18. EXISTING & PROPOSED
19. EXISTING & PROPOSED
20. EXISTING & PROPOSED



"AS BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME

LEGEND

STORM MANHOLE
SANITARY MANHOLE
EXISTING CONTOURS
PROPOSED CONTOURS
EXIST. ELEV. 100.0
F.G. 100.0 = PROP. ELEV.
DIRECTION OF SURFACE DRAINAGE

DRAWN BY TJS SCALE 1" = 30'
CHK'D BY FIELD DATE
MPS 3/23/04
1 Site/Grde 6/17/04
2 Rev.Septic 10/22/04
3 Rev.Septic Per LCHD 12/9/04

ACCEPTED: CLIENT DATE

BENCHMARK:

TBM: Top/Pin in Monument Box Shown= 992.19

ROOF DRAINS
SHALL DISCHARGE
TO SPLASH BLOCKS.

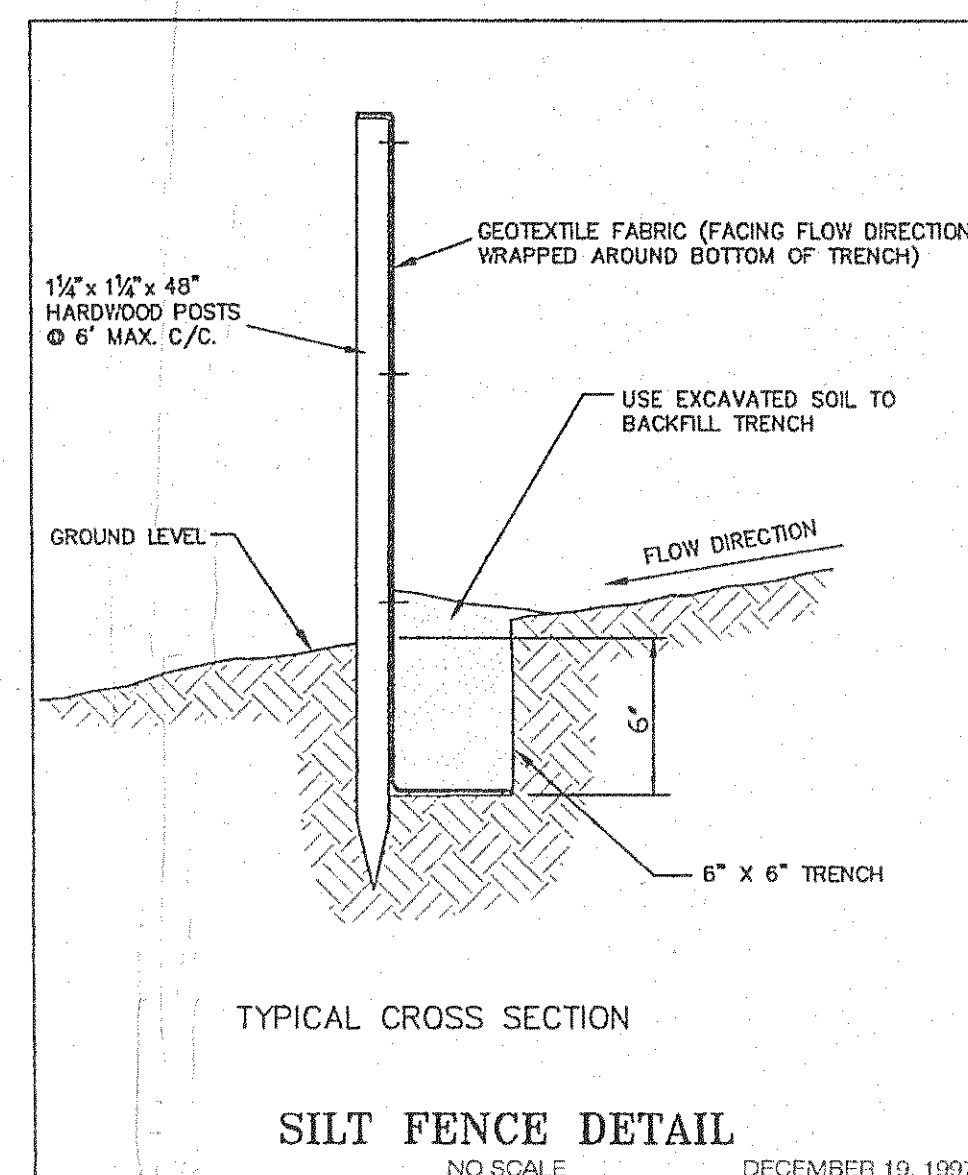
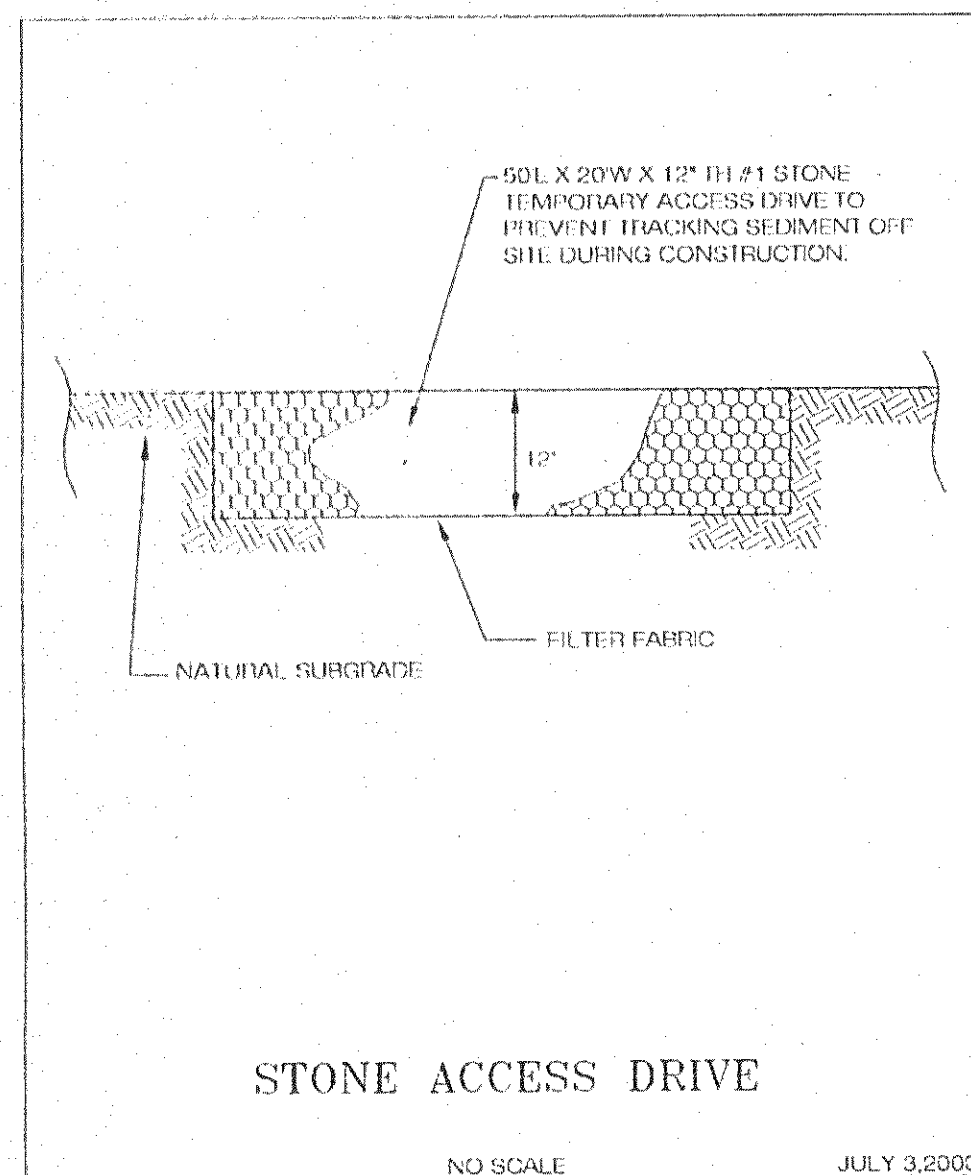
Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By L.S. Date 2-4-05

NOTE: THE CONTRACTOR/BUILDER SHALL NOTIFY THE APPROVING ENGINEER IF GROUNDWATER IS OBSERVED DURING THE EXCAVATION OF THE BASEMENT.
-Contractor To Verify Depth And Location Of Utility Connections;
-See Architect Plans For Complete House Dimensions.

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE CALLED DIRECT

CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	43.47	580.00	21.74	43.46	N86°12'49"E	04°17'39"
C2	470.37	550.00	250.65	456.16	N71°26'00"W	49°00'00"

Sheet 1/2
DWG. NAME
PAULM1-0401



SEPTIC NOTES:

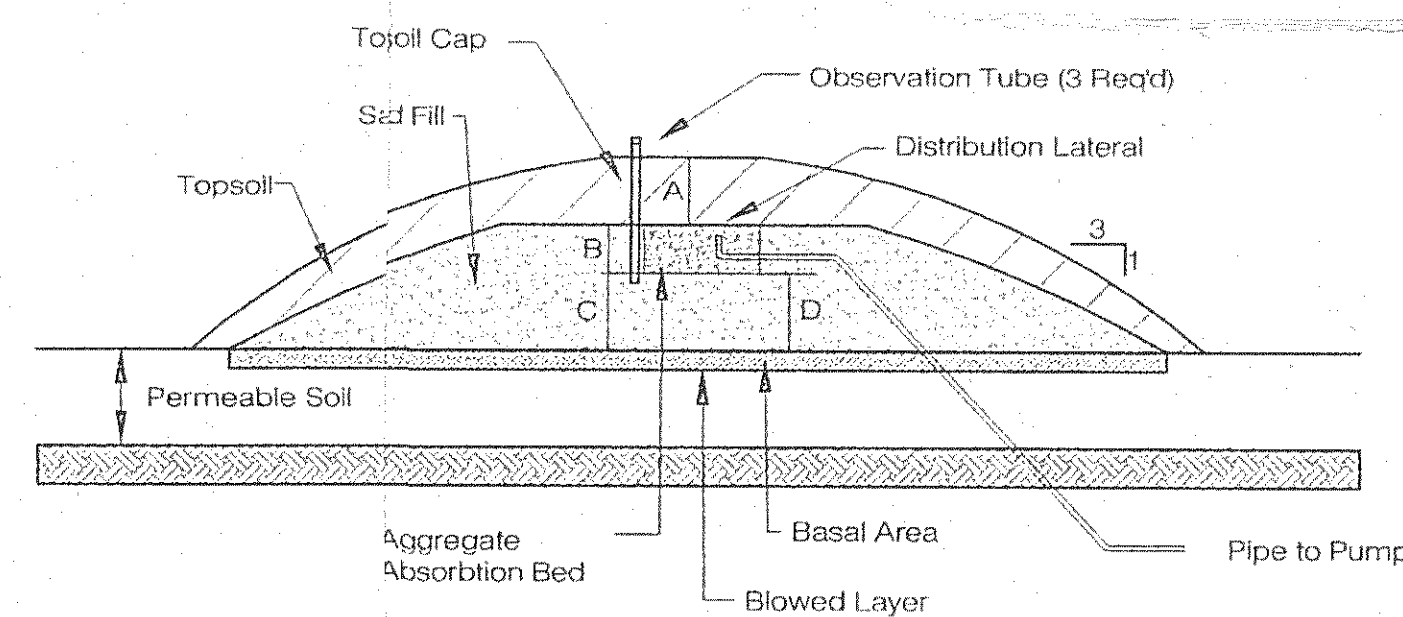
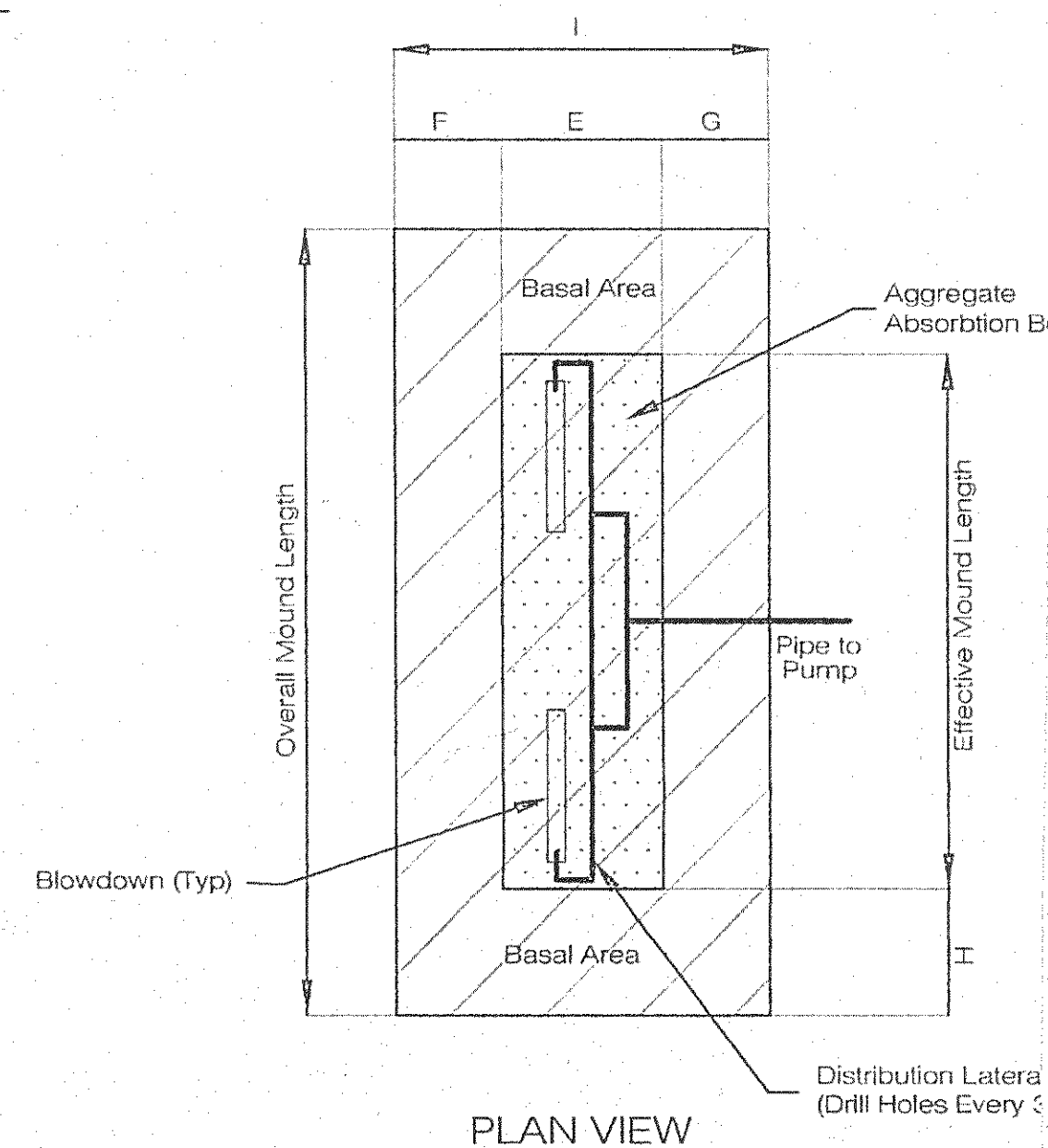
- 1) Mound System (as per installer) shall comply with the specifications of the Lake County General Health District.
- 2) The design of this septic system is based upon regulations established by the the Lake County General Health District and in compliance with their recommendation for design. This plan represents their recommendation and is for the sole purpose of establishing grades, Isolations and other particulars of the Healyh Districts Regulations and does not constitute any warranty or guarantee of the system or its capability to function in conformance with any regulations by any regulatory agency.

MOUND CALCULATIONS

Number of Bedroom	3
Base Flow Rate (gpc)	360
Design Flow Rate (gpd)	360
Effective Mound Length *	164
Overall Mound length * (Note 1)	176
Design Linear Loading Rate (gpd/lf)	2.2
Design Sand Loading Rate (gpd/sf)	0.7
Maximum Allowable Basal Loading Rate (gpd/sf)	0.3

* May be adjusted based on site specific soils evaluation and approval of the Lake County Health District.

- NOTES:
- 1: Nominal, Actual may vary with ground slope.
 - 2: G= F on level or near level building sites.
 - 3: For piping details, see Lake County Health District "Guidance Manual" for Household Sewage Treatment Systems.



MINIMUM DIMENSIONS

- A = 1'
- B = 9"
- C = 3' - 4" (Note 1)
- D = 3' - 4" (Note 1)
- E = 3' - 6"
- F = 12' - 0" Uphill (Note 1 & 2)
- G = 18' - 0" Downhill (Note 1 & 2)
- H = 15' - 0" (Note 1)
- I = 36.5' (Note 1)

LAKE COUNTY GENERAL HEALTH DISTRICT
LAKE COUNTY MOUND SYSTEM
DESIGN SHEET DETAIL
NOT TO SCALE

March, 1999

SITE PLAN

For: *Michael J. Smith* Client
 622 *Franklin* Street
 Address
 10 *Almond Road* Subdivision Name
 30000 *Almond* Lot
 10 *Almond* Tract
 10 *Almond* Township



DESIGN CERTIFICATION

THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Michael J. Smith
NAME

CHECK LIST

LOT DIMENSIONS & LOCATIONS
 TIE TO NEAREST SHEET
 SURVEY NO. (DATE) (BY)
 SURVEYING INSTRUMENT
 BUILDING DIMENSIONS
 SETBACKS, EASEMENTS, EASEMENTS
 PRELIMINARY GRADING
 DRAINAGE, FLOOD, WIND, DIRECTION
 SIDEWALK, DRIVE, DRIVE, DRIVE
 WATER MAIN, GAS, CABLE
 SAN. SEWER, SAN. SEWER, LOC.
 SAN. SEWER, SAN. SEWER, LOC.
 SAN. SEWER, SAN. SEWER, LOC.
 STORM SEWER, SAN. SEWER, LOC.
 STORM SEWER, SAN. SEWER, LOC.
 STORM SEWER, SAN. SEWER, LOC.
 GAS LINE, LOC. SIZE
 SEPTIC SYSTEM & DRAINAGE
 WELL LOCATION & ISOLATION BARRIERS

STATE SEAL

"AS BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE 20. AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME

LEGEND

STORM MAINS
 SANITARY MAINS
 EXISTING CONTOURS
 PROPOSED CONTOURS

DRAWN BY	SCALE
JRP	1"=20'
CHK'D BY	DATE
	10/04

DIST. ELEV. 100.0
 100.0 PROP. ELEV.

1	Revised Per LCHD 12/09/04
2	

ACCEPTED:

CLIENT

DATE

BENCHMARK:



Sheet 2/2

DWG. NAME

PAULM1-0401