Manalapan Township Septic System
Registration and Certificate of Compliance

1. Address 134 Iron Ore Rd. Block 68 Lot 2.03
2. Name of Applicant (print) Doyle
3. Applicant's Address 134 Iron Ore Rd
4. Applicant's Phone Number _____
5. Type of Facility ✓ Residential - Indicate Number of Occupants 4 BDR
   _____ Commercial/Institutional - Specify Type of Establishment _____
6. Type of Waste Discharged ✓ Sanitary Sewage Only _____ Industrial Wastes
7. Permitted Activities (check applicable categories) Permit Number 3148 (6-24-98)
   _____ New Construction
   _____ Alteration/No Expansion or Change of Use
   _____ Alteration/Expansion or Change in Use
   X Alteration/Malfunctioning System
   _____ Deviation from Standards
   _____ Repairs to Existing System
   TWA Permit # _____
   NJDEP Permit # _____
   Other _____
   (needs PE certification)
8. Volume of Wastes: Average Flow, gal/day 650 Maximum Daily Flow gal _____
   _____ Based on Water Meter Data
   _____ Assumed Based on Data Related to Water usage - Show Date Below:
   _____ Number of Users (Patrons, Guests, Visitors, etc.) per day
   _____ Number of Employees
   _____ Total Employee Hours Per Day
   _____ Number of Fixtures, specify type _____
   _____ Size of Building Sq. Ft. _____
   ✓ Other - Specify 4 BDR
9. Indicate System Components, Provide What Information is Available
   _____ Grease Trap: Capacity, Gals _____ Existing per Contractor
   ✓ Septic Tank: Capacity, Gals 1000 No. of Components _____
   ✓ Dosing Tank: Capacity, Gals 1000 Dosing Devices: Pump ✓ Siphon _____
   ✓ Disposal Bed: Area, Sq. Ft 864.5
   _____ Disposal Trenches: Width, Ft _____ Number _____ Total Length, Ft. _____
   _____ Seepage Pits: Number _____ Diameter, ft. _____ Depth, ft. _____
   _____ Interceptor Drain
   _____ Other - specify manifold
10. I certify under penalty of law that the subsurface sewage disposal system has been located, constructed, installed or altered in compliance with the requirements of NJAC 7:9A-1 and the Application to Construct/Alter/Repair an Individual Subsurface Sewage Disposal System which was approved by the administrative authority. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Health Department Certification

J Casagrande
Authorized Signature

B 1208 REHS
Type of License Held

Jane Casagrande
Name (Typed or Printed)

B 1208
License Number

per file record

Or

Professional Engineer Certification

_____ Name (Typed or Printed)

_____ License Number

Agency Use Only

Date 1-17-02

Registration # 548

Barry K. Wham, P.E.
114 Windsor Road
Robbinsville, NJ 08691

Phone: 609 426-4390
Fax: 609 426-8684
Email: whamengsvs@msn.com

February 6, 2000

Manalapan Health Dept.

RE: Block 68, Lot 2.03
134 Iron Ore Road

During the construction of the septic system at the above referenced property water was observed in the excavation. This area has a high water table. The septic system was designed for an area with a high water table. The design required a 9 ft. excavation and a mounded type pressure dosing system.

The elevation of the level of infiltration (top of sand) is in accordance with the approved plan.

Sincerely,

Barry K. Wham, P.E.

Barry K Wham
1/16/02

Wham Engineering Services, Inc.

Barry K. Wham, P.E.
114 Windsor Road
Robbinsville, NJ 08691

Phone: 609-426-4390
Fax: 609-426-8684
Email: ehwbkw@msn.com

December 15, 1999

To: Dave Richard 732-446-8346
Manalapan Health Department

RE: Block 68, Lot 2.03, 134 Iron Ore Road
Manalapan Township

Two percolation tests were performed in the selectfill used to install the septic system at the above referenced location. The results were within 3.5 and 4.0 min./inch. which meets the state specifications for selectfill used for septic system zone of treatment.

The system was installed in accordance with the approved plan and the state code governing septic systems (Chapter 199).

Barry K Wham
1/26/02

Sincerely,

Barry K. Wham, P.E.

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM Selectfill

Form 3c. Soil Permeability Class Rating Data 134 Iron Ore Road
Bl 68 Lot 2.03

1. Test Number..... Replicate (Letter, B....

2. Sample Depth 12"... Soil Pit/Boring Number..... Date Collected 10/23/99..

3. Coarse Fragment Content:
   Total Weight of Sample, W.T., grams 992.7
   Weight of Material Retained on 2mm sieve, W.C.F., grams 60.7
   Wt. % Coarse Fragment (W.C.F./W.T. x 100): 6.8%.

4. Oven Dry Weight (24 hrs, 105°C) of 40 Gram Air Dry Sample, grams, Wt 38.7

5. Hydrometer Calibration, Rc 6.0...

6. Hydrometer Reading - 40 seconds, grams, R1 11.0
   Temperature of Suspension, °F 68..

7. Corrected Hydrometer Reading, grams, R1' 5.0..

8. Hydrometer Reading - 2 hours, grams, R2 7.0.
   Temperature of Suspension, °F 68..

9. Corrected Hydrometer Reading, grams, R2' 1.0...

10. % sand = (Wt. - R1')/Wt. x 100 = (38.7 - 5.0)/38.7 x 100 = 87.1%

11. % clay = R2'/Wt. x 100 = 1.0.../38.7 x 100 = 2.6%.

12. Sieve Analysis:
    a. Oven Dry Wt. (2 hrs., 105°C) Total Sand Fraction
       (Soil Retained in 0.047 mm Sieve), grams 36.9.
    b. Wt. of Fine Plus Very Fine Sand Fraction
       (Sand Passing 0.25 mm Sieve), grams 3.0...
    c. % Fine Plus Very Fine Sand (b/a) ..8.2%

13. Soil Morphology (Natural Soil Samples Only):
    Structure of Soil Horizon Tested .....
    Consistence of Soil Horizon Tested: Dry..... Moist.....

14. Soil Permeability Class Rating (Based upon average textural analysis of this replicate and other replicate samples) ...KF.....

15. I hereby certify that the information furnished on Form 3c of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator. Barry K. Lehr.....Date 11/16/99

Barry K Lehr
11/16/99

COUNTY/MUNICIPALITY Hopewell

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM Selectfill

Form 3c. Soil Permeability Class Rating Data 134 Iron Ore Road
Bl 68 Lot 2.03

1. Test Number..... Replicate (Letter,..A.....

2. Sample Depth..12"... Soil Pit/Boring Number..... Date Collected..10/23/99..

3. Coarse Fragment Content:
   Total Weight of Sample, W.T., grams 892.7
   Weight of Material Retained on 2mm sieve, W.C.F., grams 60.7
   Wt. % Coarse Fragment (W.C.F./W.T. x 100): .6.8.%.

4. Oven Dry Weight (24 hrs, 105°C) of 40 Gram Air Dry Sample, grams, Wt 38.7

5. Hydrometer Calibration, Rc 6.0

6. Hydrometer Reading - 40 seconds, grams, R1 11.0
   Temperature of Suspension, °F 68..

7. Corrected Hydrometer Reading, grams, R1' 5.0..

8. Hydrometer Reading - 2 hours, grams, R2 7.0.
   Temperature of Suspension, °F 68..

9. Corrected Hydrometer Reading, grams, R2' 1.0..

10. % sand = (Wt. - R1')/Wt. x 100 = (38.7 - 5.0)/38.7 x 100 = 87.1%

11. % clay = R2'/Wt. x 100 = 1.0../38.7 x 100 = 2.6%.

12. Sieve Analysis:
    a. Oven Dry Wt. (2 hrs., 105°C) Total Sand Fraction
       (Soil Retained in 0.047 mm Sieve), grams 36.9.
    b. Wt. of Fine Plus Very Fine Sand Fraction
       (Sand Passing 0.25 mm Sieve), grams 3.0..
    c. % Fine Plus Very Fine Sand (b/a) ..8.1%

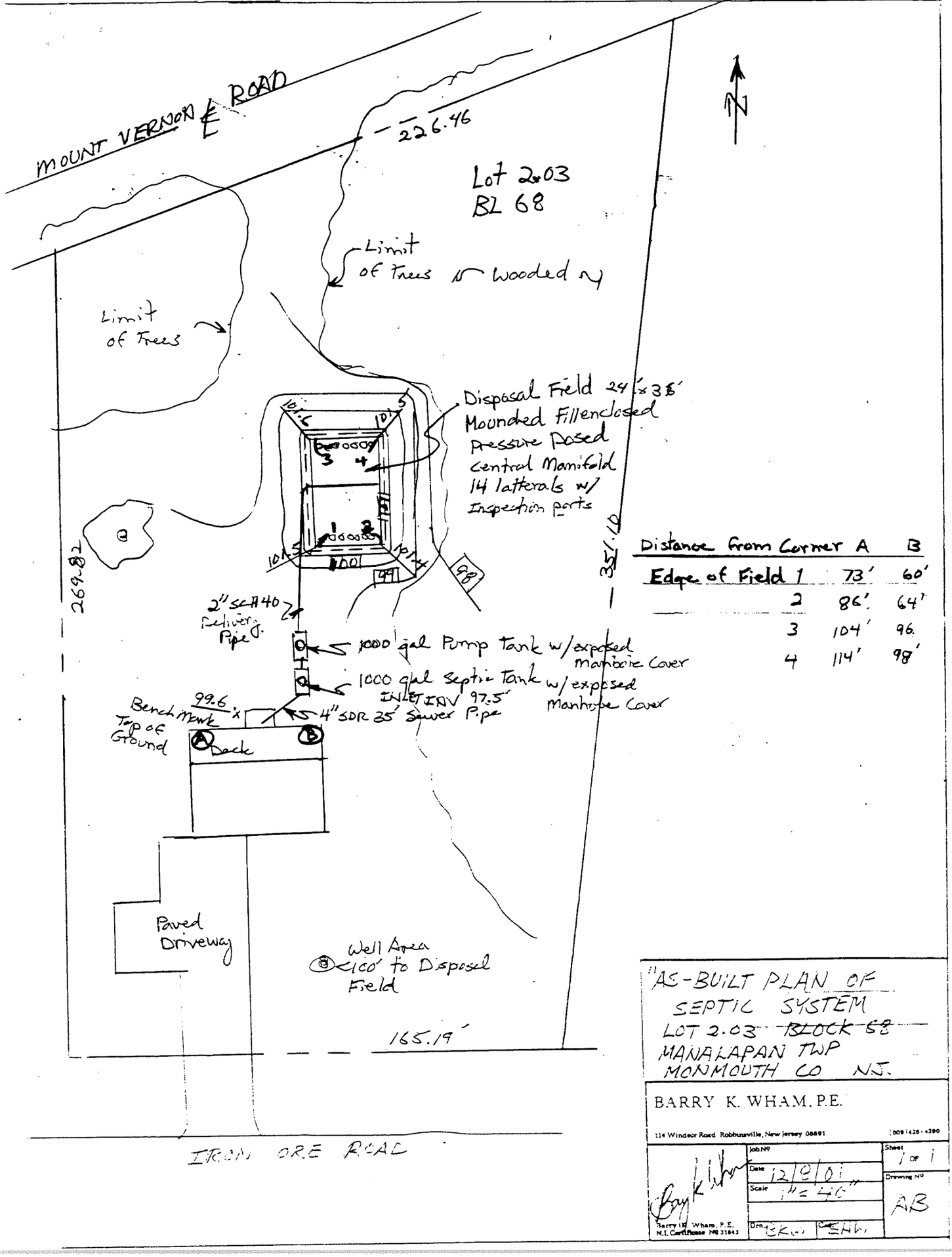
13. Soil Morphology (Natural Soil Samples Only):
    Structure of Soil Horizon Tested .....
    Consistence of Soil Horizon Tested: Dry..... Moist.....

14. Soil Permeability Class Rating (Based upon average textural analysis of this replicate and other replicate samples) ...K4.....

15. I hereby certify that the information furnished on Form 3c of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator. Barry K. Wh... Date..

Barry K Wh
1/16/02

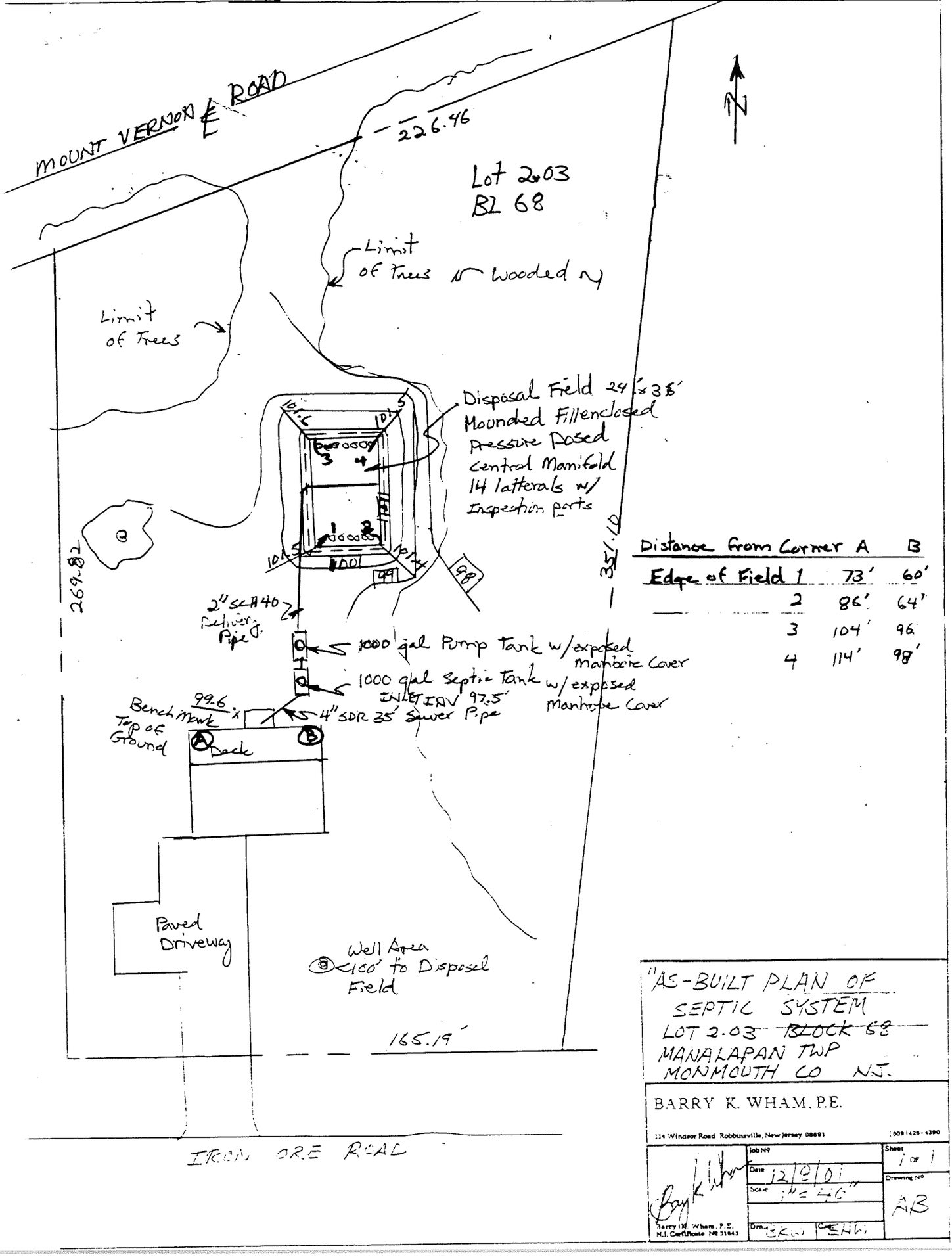


Distance from Corner	A	B
Edge of Field 1	73'	60'
2	86'	64'
3	104'	96'
4	114'	98'

"AS-BUILT PLAN OF SEPTIC SYSTEM
LOT 2.03 ~~BLOCK 68~~
MANALAPAN TWP
MONMOUTH CO NJ.

BARRY K. WHAM, P.E.
114 Windsor Road Robbinsville, New Jersey 08691 (609) 426-4390

Job N°
Sheet 1 OF 1
Date 12/9/01
Drawing N° AB
Scale 1" = 40'
Dm BKW Ck EHW
Barry K. Wham, P.E. N.J. Certificate N° 21843



Distance from Corner	A	B
Edge of Field 1	73'	60'
2	86'	64'
3	104'	96
4	114'	98'

"AS-BUILT PLAN OF SEPTIC SYSTEM
LOT 2.03 ~~BLOCK 68~~
MANALAPAN TWP
MONMOUTH CO NJ.

BARRY K. WHAM, P.E.
334 Windsor Road Robbinsville, New Jersey 08691 (609) 426-4390

Job N°
Sheet 1 of 1
Date 12/2/01
Drawing N° AB
Scale 1" = 40'
Barry K. Wham, P.E.
N.J. Certificate N° 21643
Drn. BKW Chk. BKW