

LEONARD B. ZUCKER
MICHAEL S. ACKERMAN
JOEL ACKERMAN*

FRANCES GAMBARDILLA
BRIAN C. NICHOLAS •
STEVEN D. KROL
CHRISTOPHER G. FORD
ERIC R. PARKER ◦
JANET V. KEYMETIAN ∞
DENISE CARLON ◦
ANNIE CHA ◦
MONIKA S. PUNDALIK
CHRISTINE E. POTTER
BRIAN W. BANASIAK
RYAN S. MALC

* ALSO MEMBER OF NY, PA AND CA BAR
• ALSO MEMBER OF NY AND ME BAR
◦ ALSO MEMBER OF NY BAR
∞ ALSO MEMBER OF MA AND ND BAR
✧ MEMBER OF PA BAR ONLY

C. Cab Engle, Jr., 1/1/2010

ZUCKER, GOLDBERG & ACKERMAN, LLC
ATTORNEYS AT LAW

200 SHEFFIELD STREET- SUITE 301
P.O. BOX 1024
MOUNTAINSIDE, NJ 07092-0024

TELEPHONE: 908-233-8500
FACSIMILE: 908-233-1390
E-MAIL: office@zuckergoldberg.com

For payoff/reinstatement figures
Please send your request to: zuckergoldberg.com/pr

REPLY TO NEW JERSEY ADDRESS

FOUNDED IN 1923
AS ZUCKER & GOLDBERG

MAURICE J. ZUCKER (1918-1979)
LOUIS D. GOLDBERG (1923-1967)
LEONARD H. GOLDBERG (1929-1979)
BENJAMIN WEISS (1949-1981)

Pennsylvania Office:
P.O. Box 650
Hershey, PA 17033

OF COUNSEL:

SCOTT A. DIETTERICK, ESQ. ✧
KIMBERLY A. BONNER, ESQ. ✧
JAIME R. ACKERMAN, ESQ.

February 25, 2010

MUNICIPAL CLERK ANNETTE C BIELAWSKI
HOPEWELL TOWNSHIP
201 Washington Crossing-Pennington Rd
TITUSVILLE, NJ 08560-1410

Dear Sir or Madam:

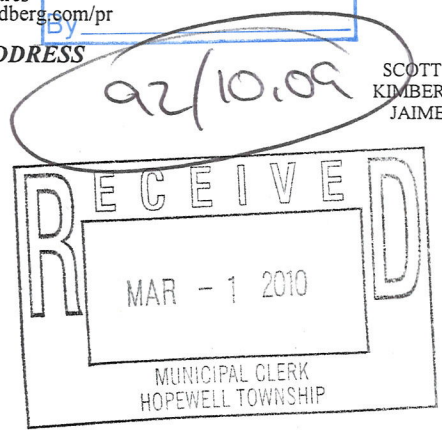
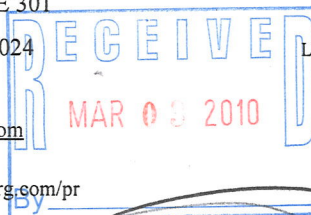
Please be advised, pursuant to the requirements of the Foreclosure Fairness Act, enclosed is a list of pending foreclosures that our firm is handling on behalf of JP Morgan Chase Bank, NA. If you have any questions, feel free to contact us. Please reference our file number.

Sincerely,

Michael S. Ackerman
Managing Partner
Zucker, Goldberg & Ackerman, LLC

Enclosures: (1)

MSA/ah



	FILE#	LOAN#	BORROWER	ADDRESS	CITY	ZIP
1	112414	0009479874	WULF, JAMES	8 HART COURT	HOPEWELL	08560
2						
3						
4						
5						
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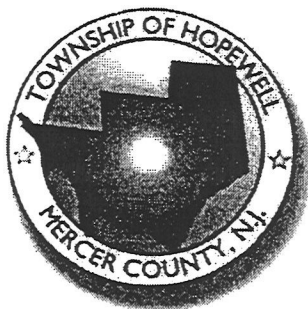
TOWNSHIP of HOPEWELL

MERCER COUNTY

201 WASHINGTON CROSSING – PENNINGTON ROAD
TITUSVILLE, NEW JERSEY 08560-1410

PHONE: 609-737-0605

Upper Level Fax: 609-737-1022 Lower Level Fax: 609-737-2770
Public Works Fax: 609-737-2813



Jon R. Edwards
Mayor

Robert R. Higgins
Deputy Mayor

Francesca A. Bartlett
Committee Member

Marylou Ferrara
Committee Member

Vanessa Sandom
Committee Member

Christine Smeltzer
Administrator

REQUEST FOR INFORMATION

Date of Request: 7-2-03

1. Received from: RUSSELL REID
(Name)
200 SMITH ST. KENSBY N.J.
(Address)

2. Telephone No: _____ (optional)

3. Document/Information Requested: SEPTIC SITE PLANS.

Please note there often are charges for the production of information requests. Those who make a request for information must pay the charge for the copies, reproduction, retrieval costs and materials before any copies of information will be released.

For Office Use

Fee Paid: _____

Rec'd by: _____

Date given: _____

Given by: _____

Notes: _____

TOWNSHIP OF HAMILTON

DATE 1-17-80

LOG & PERC

OWNER OR DEVELOPMENT

INSPECTOR LANZIENGINEER: Princeton Junct. Quinby FRANKSTREET LOCATION: WASH. CROSS Penn. Rd.LOT NO. 26 BLOCK 92 SECTION

LOCATION OF LOG

LOCATION OF PERC HOLE

DATE OF LOG 1-17-80DATE OF PERC 1-17-80WATER TABLE BELOW EXISTING GROUND LEVEL 93"DATE 1-17-80SOIL LOG 0"-12 Top Soil12"-47" Light Brown clay47"-93 BROKEN Red SHALE MIXED w/CLAY & LOAM96" Bottom SAME AS ABOVEWater @ 93"

#1 26A

#1 26A

#1 26B

#2 26B

STABILIZATION	
HOLE DEPTH 60"	
TIME	INCHES
1:27	0
1:28	3 1/8
1:28	0
1:29	3 1/4
1:29	0
1:30	3 1/4
1:30	0
1:31	3 1/4

6/9 min

1" in 1 min

PERC HOLE	
HOLE DEPTH 60"	
TIME	INCHES
1:32	0
1:38	5
1:41	6

MIN : INCHES

MIN. PER

STABILIZATION	
HOLE DEPTH 58"	
TIME	INCHES
1:33	0
1:34	4 3/4
1:34	0
1:35	4 1/2
1:35	0
1:36	4 1/2
1:36	0
1:37	4 1/2

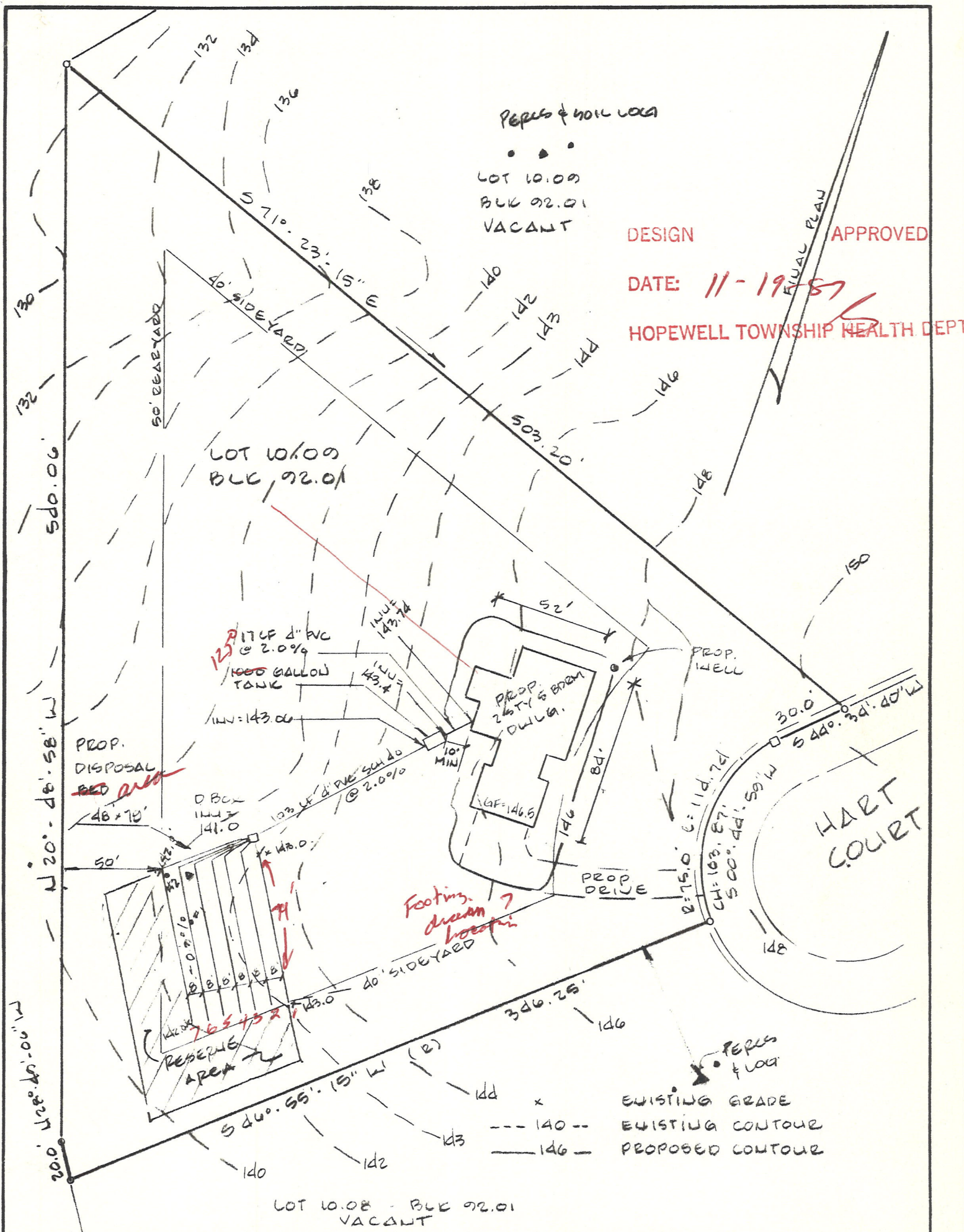
6/5 min

1" in 1 min

PERC HOLE	
HOLE DEPTH 58"	
TIME	INCHES
1:37	0
1:38	5
1:42	6

MIN : INCHES

MIN. PER



FRANK L. QUINBY PE & LS # 11087

PRINCETON JCT. ENGINEERING CO.
PROFESSIONAL ENGINEERS & LAND SURVEYORS
 P.O. BOX 223 NORTH POST RD.
 PRINCETON JUNCTION, NEW JERSEY 08550
 (609) 799 1906 (609) 799 1963

PLOT PLAN & SEPTIC DESIGN
 OF LOT 10.09 - BLK 92.01 FOR
 PENNINGTON CROSSING, ASSOC.
 HOPEWELL TWP MEDLEY CO NEW JERSEY

FRANK L. QUINBY
 BRYCE M. RITTENHOUSE
 ARNOLD RYDEN, JR.
 D. GEOFFREY BROWN
 WESLEY J. LANE

PE & LS. NO. 11087
 P.E. & L.S. NO. 13453
 L.S. NO. 21223
 P.E. NO. 24327
 L.S. NO. 30747

DRAWN
 DL

DATE
 10/30/87

CERTIFIED AS CORRECT TO:

CHECK
 FFF

SCALE
 1"=60'

FOR BLDG PERMIT ONLY.

REV.

Frank L. Quinby 11-5-87
 DATE

There are no existing wells or septic systems within 200' of proposed septic system.

The well must be 100' min. from any septic system.

Driveway slopes shall not be greater than 10%.

No heavy equipment allowed in construction area of disposal bed.

All trees within 10' of disposal bed area shall be removed prior to construction.

No water courses, flood plains, or wells occur within 100' of proposed disposal area.

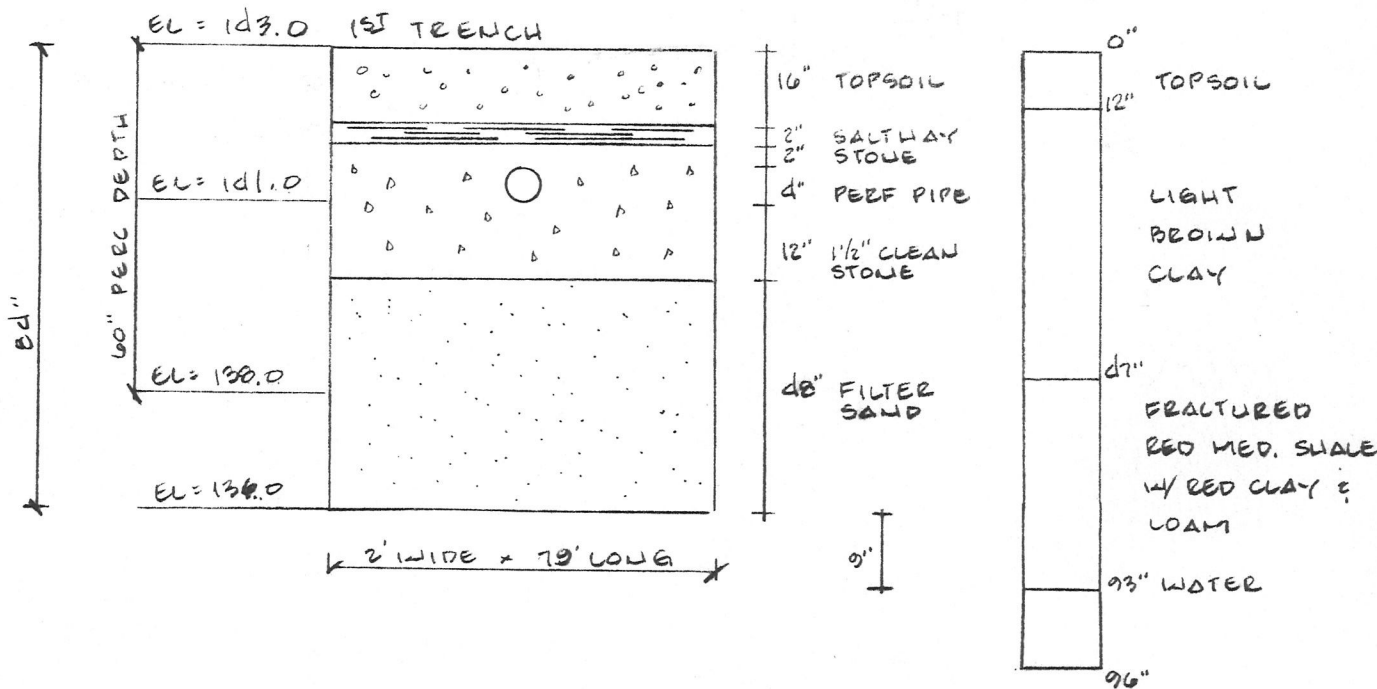
Filter sand shall have a clay content (finer than .002 mm) which shall not be less than 5% of more than 12% (by weight) of the portion of soil finer than 2.0 mm. Coarse fragments larger than 1/2 inch diameter shall not exceed 15% by volume of the material used for sandy filters.

PERCOLATION TEST AND SOIL LOG WERE PERFORMED BY FRANK L. QUINBY
PE & LS # 11087 ON 1-17-80

PERCOLATION TEST RESULTS

DESIGN RATE 1" / 20 MIN.

- #1 60" DEEP 1" / 1 MIN.
- #2 58" DEEP 1" / 1 MIN.



FRANK L. QUINBY PE & LS No. 11087

SHEET	BLOCK	LOT
21	9201	10.09

PRINCETON JCT. ENGINEERING CO.
PROFESSIONAL ENGINEERS & LAND SURVEYORS
P.O. BOX 223 NORTH POST RD.
PRINCETON JUNCTION, NEW JERSEY 08550
(609) 799 1906 (609) 799 1963

SEPTIC SYSTEM DETAILS
OF LOT 10.09 - BUC 9201 FOR
PENNINGTON CROSSING, ASSOC.
HOPWELL TWP. MIDDLE CO. NEW JERSEY

FRANK L. QUINBY
BRYCE M. RITTENHOUSE
ARNOLD RYDEN, JR.
D. GEOFFREY BROWN
WESLEY J. LANE

P.E. & L.S. NO. 11087
P.E. & L.S. NO. 13453
P.E. L.S. NO. 21223
P.E. L.S. NO. 24327
P.E. L.S. NO. 30747

DRAWN
DL

DATE
10/30/87

CERTIFIED AS CORRECT TO:

CHECK
FJF

SCALE
AS SHOWN

FOR BLDG. PERMIT ONLY.

REV.

Frank L. Quinby 11/5/87
DATE



TOWNSHIP OF HOPEVILLE

MERCER COUNTY

RT. 546 & SCOTCH ROAD

TITUSVILLE, NEW JERSEY 08560

November 20, 1987

Pennington Crossing Assoc.
P.O. Box 236
Princeton Jct., NJ 08550

Re: Block 92.01, lot 10.09

Your application for an onsite subsurface sewage disposal system has been approved with the following conditions:

1. A copy of this letter must be forwarded to your construction contractor and sewage disposal system installer prior to installation of said system.
2. The house location must be staked by a licensed surveyor or professional engineer to assure proper location and elevations as represented on the attached plan.
3. The sewage disposal system must be located and staked prior to installation by a licensed surveyor or professional engineer to guarantee the proper alignment of the system in the area of the soil tests, and to insure it will conform to all site restrictions as represented on the attached design.
4. The required elevation of the sewage disposal system should be verified by the licensed professional engineer or surveyor, the builder and the plumbing contractor as it relates to the foundation height, the point where the sewer line exits the dwelling and the height of the septic tank. If this is a gravity system and the minimum height of the sewer line is not maintained, an ejector system will be required after the septic tank.
5. An onsite conference is required with your installer and a representative from this office prior to installation of any part of this system. This should avoid any problems during the installation which can be costly to all parties concerned.
6. The design engineer must be notified at the beginning of the installation. Field measures must be made for the required as-built design. The as-built will reflect any changes caused by site conditions, construction changes and installation problems, and will provide a detailed location of the installed system so it can be located once it is covered.
7. No excavating machinery shall be permitted in the excavation.
8. All trees within 10 feet of the disposal area must be removed.
9. All phases of construction of the disposal system must be inspected by the Health Department. It is your responsibility (or your contractors) to notify the Health Department by no later than 9 a.m. on every day that construction is underway so inspections can be scheduled.
10. 1250 gallon septic tank is required for 5 bedroom dwelling as noted.

Very truly yours,

HOPEWELL TOWNSHIP HEALTH DEPARTMENT

Route 546 and Scotch Road
Titusville, NJ 08560

August 11, 1988

Pennington Crossing Assoc.
P.O. Box 236
Pennington, N.J. 08550

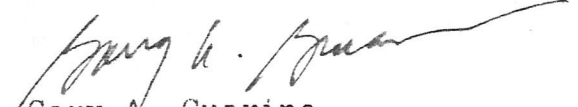
Re: Block 92, Lot 10.09

Dear Gentlemen:

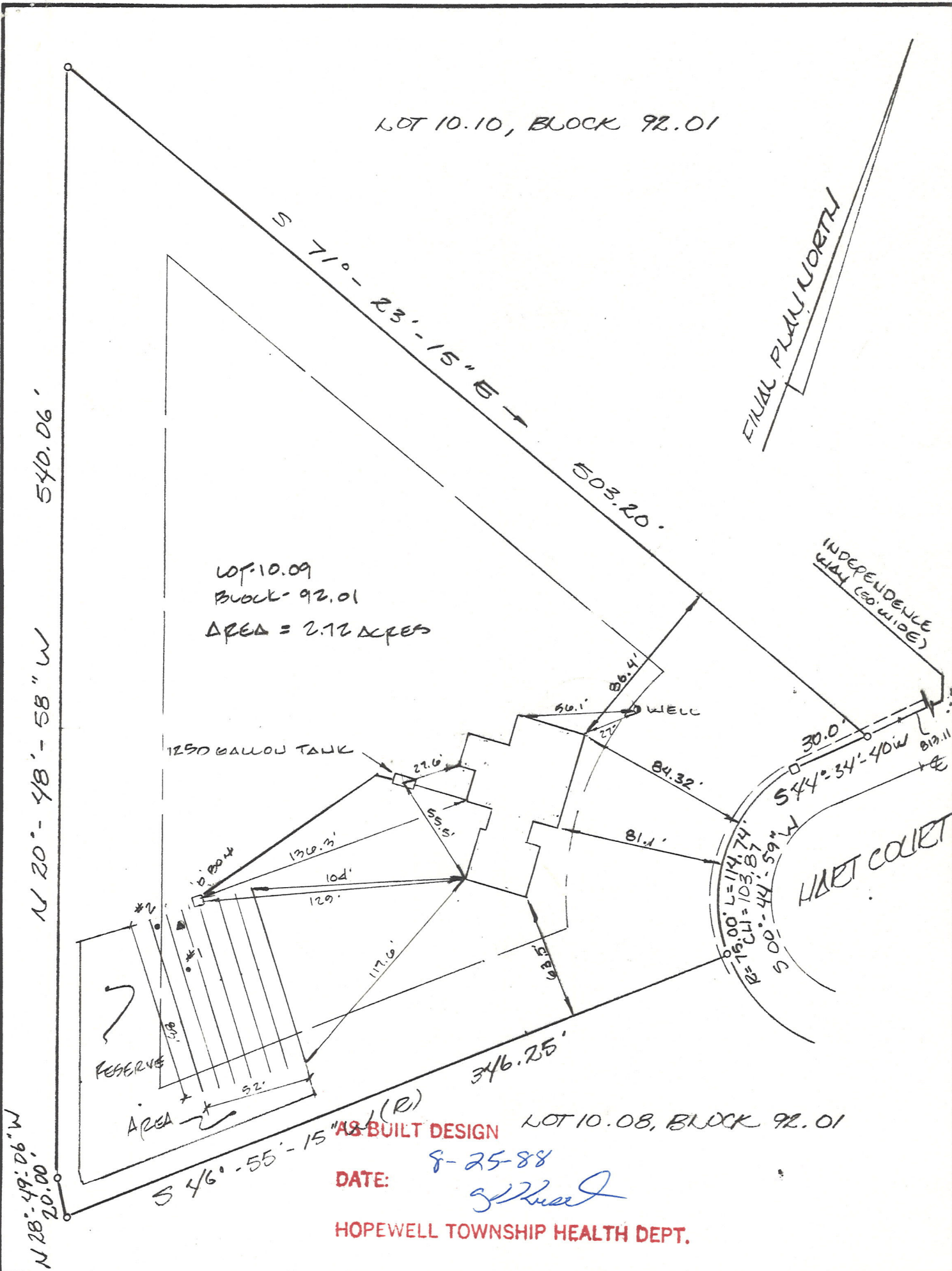
The as-built sewage disposal design for the above reference property has been reviewed by this office and must be rejected for the following reasons:

1. System as installed for five bedroom dwelling required 1250 tank. Need to verify.
2. Connecting pipe from tank to D box is not shown, (Locate if possible).

Very truly yours,


Gary A. Guarino
Senior Sanitarian

GAG:sak



FRANK L. QUINBY PE & LS #11087

SHEET	BLOCK	LOT
	92.01	10.09

PRINCETON JCT. ENGINEERING CO.
PROFESSIONAL ENGINEERS & LAND SURVEYORS
 P.O. BOX 223 NORTH POST RD.
 PRINCETON JUNCTION, NEW JERSEY 08550
 (609) 799 1906 (609) 799 1963

SEPTIC ASBUILT
 OF LOT 10.09, B.LK. 92.01
 PENNINGTON CROSSING, ASSOC.
 HOPEWELL TWP, MERCER CO., NEW JERSEY

FRANK L. QUINBY
 BRYCE M. RITTENHOUSE
 ARNOLD RYDEN, JR.
 D. GEOFFREY BROWN
 WESLEY J. LANE

PE & LS.	NO.
PE & LS.	11087
PE & LS.	13453
LS.	21223
PE.	24327
LS.	30747

DRAWN

DATE

CERTIFIED AS CORRECT TO:

JM

CHECK

FSE

REV

8/11/88

4.5.88

SCALE

1"=60'

Frank L. Quinby 4/7/88
 DATE

WELL RECORDWell Permit No. 27 - 00384
Atlas Sheet Coordinates 27 : 14 : 673 ☐OWNER IDENTIFICATION - Owner BOYD, JIM
Address P.O. BOX 236
City PRINCETON JCT. State NJ Zip Code _____WELL LOCATION - If not the same owner please give address. Owner's Well No. _____
Address 30 Hart. ave.
County mercer Municipality HOPKINELL TWP Lot No. 10.00 Block No. 02WELL USE Domestic Status NewWATER USE Domestic Average 300 gals. daily Maximum 600 gals. dailyWELL CONSTRUCTION Date well completed 12 / 12 / 87
BOREHOLE DIMENSIONS Depths: Total 310 ft. Finished 310 ft.
Diameter: Top 6 in. Bottom 6 in.
Land Surface Elevation at well 190 ft. Elevation was determined using Topographic map
Casing Height (stick-up) above land surface 2 ft.

	DEPTH TO TOP (FT.)	LENGTH (FT.)	DIAMETER (IN.)	TYPE AND MATERIAL Screens: Note Slot Size(s)
Casing 1		<u>62'</u>	<u>6"</u>	<u>steel - Drive shoe</u>
Casing 2				
Casing 3				
Screen 1				
Screen 2				
Tail Piece				
Gravel Pack				
Grout				
Grouting Method		<u>Cement Grout - Bottom - Top</u>		

WELL FLOWS NATURALLY _____ gals. per min. at _____ ft. above the land surface.
Water rises to _____ ft. above the land surface.RECORD OF TEST Test Date 12 / 15 / 87
Static water-level before pumping 52 ft. below land surface. Water level 120' ft. below land surface after 4 hrs. of pumping.
Water level was measured using Depth Gauge Drawdown 68 ft.
Discharge rate measured using soil Discharge Rate 10 gals. per min.
Well was pumped using submersible Specific Capacity _____ gals. per min. per ft. of drawdown
Observed effects on nearby wells None
Water Quality (taste, odor, color, etc.) GoodPERMANENT PUMPING EQUIPMENT Installed by Walter P. Travis, Inc. Pump Type submersible
Mfrs. Name Goulds Model 135m
CAPACITY: Pump delivers 13 GPM at 50 PSI pressure.
POWER: 1hp HP at 3450 RPM Power Source Electric
DEPTHS: Pump 150 ft. Footpiece _____ ft. Airline _____ ft.
FLOW METER: Model _____ installed on _____ in. diameter pipe.

WALTER P. TRAVIS, INC.

CONTRACTOR - Name of Drilling Contractor _____
Address 1630 Pennington Rd
City Trenton State N.J. Zip Code 08618
Name of Driller Jerry Travis License No. 614Signature of Contractor [Signature] Date 1 / 30 / 88

Well Permit No.

Aquifer/Geo. Fm. Brunswick shale

0-2' sub-soil
2-310' Brunswick shales

Fm.

[illegible]Date / /

Office Use Only

Permit No. 1151
Date: 10-2-87
Fee Received \$30.00

BOARD OF HEALTH OF HOPEWELL TOWNSHIP
ROUTE 546, TITUSVILLE, NEW JERSEY 08560

APPLICATION FOR PERMIT TO LOCATE AND CONSTRUCT AN INDIVIDUAL WATER SUPPLY
AND SYSTEM OR ALTER AN EXISTING WATER SUPPLY SYSTEM.

SECTION A

Owners Name (print) Harding Hill Homes - Lim Boyd.
Present Address P.O. Box 236 Telephone 799-4621
Location of property private det
for which this application is made Hart Crt Block 92 Lot 10.09
Name of Contractor or well driller WALTER P. TRAVIS INC.
Address 1650 Pennington Rd Telephone 882-3107
Contractor [Signature] signature Owner [Signature] signature

SECTION B

Inspection of construction was made on the following date 11-17-87
Length of Casing 60± Method of grouting of annular space pressure grout
Installation and construction of well is certified to be in accordance with Hopewell Township Ordinance and N.J.D.E.P. Standards for Construction of Public non-community and non-public water systems.

[Signature]
Inspector

SECTION C

WELL DATA AS COMPLETED

N.J. State well drilling permit # 27-09384 dated 11-5-87
Length of casing (to extend 12" min. above Final Grade) 62 ft.
Depth 310 ft.
Water level below top of casing 80 ft.
Diameter of Well 6 in.
Estimated capacity of well 15 gpm
Length of pumping test 1 hr.

I certify that the above information is correct and the well has been drilled, sealed, and disinfected according to the latest Hopewell Township Ordinance.

8-8-88 Dated [Signature] Well driller 614 License #

Pump Data

Type of Pump Submersible Actual Pump Setting 160' ft.
Manufacturer Goulds Depth of jet below top of casing _____ ft.
Model 13Em Tank Data
Horse power 1 1/2 H.P. Type of Tank X-Trol
Number of Stages 11 Capacity 120 - WX-251 gal.
Lowest Possible Setting 280' ft. Manufacturer X-Trol
Type of Pipe plastic

I certify the above information is correct and the installation has been in accordance with manufacturer specifications and all required codes.

This must be completed and filed prior to
issuance of a certificate of occupancy.

RECEIVED
AUG 11 1988
HOPEWELL TOWNSHIP HEALTH DEPT.

[Signature] Pump Installer 614 License No.

DWR-133 (5/85)

Mail to

Water Allocation
CN 029
Trenton, N.J. 08625

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Permit No.

2709384

27.14.6 .73

Owner Jim Boyd
Address P.O. Box 236
Princeton Jct N.J. 08550
Name of Facility Harding Hill Homes
Address Hart crt
Titusville N.J.

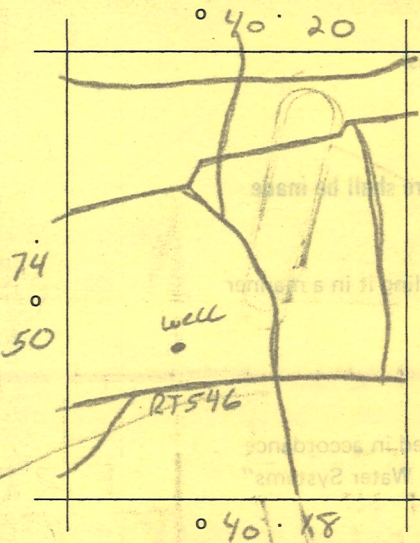
Driller Walter B Travis Inc.
Address 1656 Pennington Rd
Trenton N.J.
Diameter of Well 6 Inches
Proposed Depth of Well 200 Feet
Proposed Capacity of Pump 7 GPM
Method of Drilling (cable-tool, rotary, etc.)
Use of Well (See Reverse) Domestic - New

LOCATION OF WELL

Lot # 10.09 Block # 92 Municipality Hopewell Twp County Warren

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

State Atlas Map No. 27



North

well in front septic
in back 165' away

West

East

South

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS.

- ☐ Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- ☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- ☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- ☐ Samples of cuttings required every _____ feet or change in material.
- ☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to _____.
- ☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- ☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- ☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- ☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.
- ☐ _____

This Space for Approval Stamp

WELL PERMIT
APPROVED
NOV 5 1987
DEPT. ENV. PROTECTION
DIV. OF WATER RESOURCES
WATER ALLOCATION

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date Oct 27, 1987

Signature of Owner

Jim Boyd

COPIES:

Water Allocation - White

Health Dept. - Yellow

Owner - Blue

Driller - White

WALTER P. TRAVIS, INC.

*Well Drilling Contractors :: Domestic and Industrial Pumps and Repairing
Water Conditioners and Purifiers*

1650 PENNINGTON ROAD — TRENTON, N. J. 08618

Telephone: (609) 882-3107

December 22, 1987

RECEIVED
DEC 26 1987
Hazardous Waste Health Dept.

Harding Hill Homes
Lot: 10.09 (or # 28)
Block: 92

TEST PUMPING OF WELL

4 Bedrooms

3 Baths

<u>TIME</u>	<u>WATER LEVEL</u>	<u>GPM</u>
12:00	82'	11
12:30	87'	11
1:00	95'	11
1:30	106'	11
2:00	112'	11
2:30	122'	11
3:00	122'	11
3:30	122'	11
4:00	122'	11
4:30	122'	11

Well Drilled	11/17/1987
Well Depth	310'
Pump Setting	200'
Test	12/3/1987

Jerry Travis, President
Walter P. Travis Inc

WALTER P. TRAVIS, INC.

Well Drilling Contractors :: Domestic and Industrial Pumps and Repairing
Water Conditioners and Purifiers

1650 PENNINGTON ROAD — TRENTON, N. J. 08618
Telephone: (609) 882-3107

November 25, 1987

Hopewell Township Health Department
Route 546
Titusville, N. J. 08560

Harding Hill Homes
Lot: 10.09 Block: 92

PUMP TEST 4 HOURS

TIME	STATIC	GPM
12:00	85'	11
1:00	95'	11
2:00	112'	11
3:00	132'	11
4:00	132'	11
4:30	132'	11

WELL DEPTH 310'

PUMP SETTING 240'



Jerry Travis, President
Walter P. Travis Inc

RECEIVED
DEC 2 1987
Hopewell Township Health Dept.

SUPPLEMENTAL SHEET FOR A WATER SUPPLY AND SYSTEM PUMP TEST

OWNER'S NAME: Harding Hill Homes BLOCK 92 LOT 10.09

TEST WELL # _____

LOCATION OF PROPERTY WHERE TEST WELL IS LOCATED Harding cat

STATE WELL PERMIT # 27-69384 TOWNSHIP PERMIT # 111F1

WELL DRILLER Walter P. Travis Inc. DATE OF TEST Nov 25 1987

PERSON CONDUCTING TEST Jerry Travis LICENSE NO. 614
signature

EQUATIONS

Peak Load = 4 # of bedrooms X 100 gallons = 400 gallons

Peak Demand = 3 gallons/bathroom X 3 # of bathrooms = 9 GPM

Peak Time = 400 # of gallons ÷ 9 GPM = 44.4 minutes

PUMP TEST

Test Design

Preliminary Well Summary

1. Depth of well 310 feet
2. Static water level (depth to water from top of casing) 85 feet
3. Number of hours between well completion and measurement of static water level 100 hours

Dwelling Summary

4. Number of bedrooms 4
5. Number of bathrooms 3

Peak Demand Test Requirements

6. Peak time (required minimum duration of test, from table 1) .. 44.4 minutes
7. Peak demand rate (required minimum discharge rate from pump during test, from table 2) 9 gpm
8. Peak load (from table 4) 400 gallons

Test Measurements

Peak Demand Test

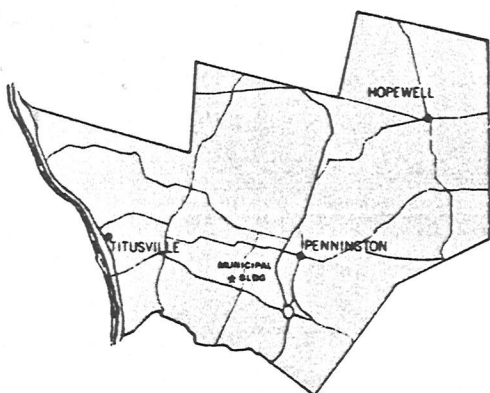
9. Depth to water at beginning of test (static water level) 85 feet
10. Depth to pump at end of test 240 feet
11. Discharge rate measured during test (use minimum observed) 11 gpm
12. Duration of test 20 minutes
13. Depth to water at end of test 132 feet
14. Drawdown at end of peak demand test 13.2 line 13—line 9 = 132 feet

Constant Head Test

15. Constant head pumping rate 11 gpm
16. Duration of pumping at constant head rate 60 minutes
17. Depth to water at end of test 132 feet
18. Drawdown at end of constant head test 0 line 17—line 9 = 0 feet

Evaluation of Results

19. Peak demand test duration. If line 12 is less than line 6 then well fails peak demand test pass or fail
20. Peak demand pump test rate. If line 11 is less than line 7 then well fails peak demand test pass or fail
21. Calculate aquifer contribution (multiply line 15 by 1440 or use table 3) gpd
22. Daily home water demand (from table 4) gpd
23. Aquifer contribution rate. If line 21 is less than line 22 then well fails constant head pump test ... pass or fail



TOWNSHIP of HOPEWELL

MERCER COUNTY

RT. 546 & SCOTCH ROAD ■ TITUSVILLE, NEW JERSEY 08560

November 16, 1987

Harding Hill Homes
P.O. Box 236
Princeton Jct., NJ 08550

Re: Block 92, lot 10.09

To Whom it May Concern:

Enclosed is your permit to construct a well at the above referenced property.

Please notify your well driller that it has been approved and they will schedule the appropriate inspection.

Very truly yours,

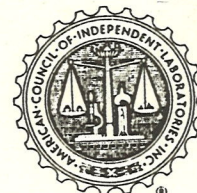


Gary A. Guarino
Registered Sanitarian

GAG/ss

PERRITT LABORATORIES

Post Office Box 147
Hightstown, New Jersey 08520
(609) 443-4848



Report to: Harding Hill Homes
P.O. Box 236
Princeton Junction, NJ 08550
Date: August 4, 1988
Sample of: Drinking Water - Chlorine Test, Negative
Property: Block 92 - Lot 10.09 - Titusville, NJ
Sample Date: August 1, 1988
Sampled By: Mark Novosel of Perritt Laboratories

OBJECTIVE

The above water sample was analyzed to determine:

pH
Iron
Nitrate
Manganese
Coliform Bacteria

METHODS

The pH is determined with a Corning Model 10 pH Meter. Iron is determined by the Phenanthroline Method. Nitrate is determined by the EPA approved Cadimium Reduction Method. Manganese is determined by the Persulfate Method. Coliform Bacteria is analyzed by the Membrane Filtration Method. Procedures are cited in Standard Methods for the Examination of Water.

	<u>RESULTS</u>	<u>STANDARDS</u>
pH	6.50	6.5 - 8.5
Iron	0.190 PPM	0.30 PPM
Nitrate	0.354 PPM	45.0 PPM
Manganese	0.047 PPM	0.05 PPM
Coliform Bacteria	0/100ml	0/100ml

Submitted by:
PERRITT LABORATORIES, INC.

Alexander M. Perritt
Alexander M. Perritt, Ph.D.
President

NJ State Department of Environmental Protection
Certification #11147

Microbiology • Package Testing • Water Analyses • Consulting

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HOPEWELL TOWNSHIP HEALTH DEPARTMENT
Route 546 and Scotch Road, Titusville, New Jersey 08560
(609) 737-0120

APPLICATION FOR SEWAGE DISPOSAL SYSTEMS

Applicant PENNINGTON CROSSING ASSOC. Block 92 Lot 10.09
Mailing Address P.O. BOX 236 Location HART COURT
PRINCETON JCR. NJ 08560 Size of Lot 119,716.3 Square Feet
Phone # (Home) _____ (Work) 799-7830 Zoning Designation R-200
Builder if different than above _____ Phone # _____
Mailing Address _____
Signature of Applicant William J. Curran Date 7/3/87
Fee \$ 100.00 Date Received 11-15-87
Type of Construction or Usage RESIDENTIAL
Number of Bedrooms 4 Gal/Day if Commercial _____
Water Source ON SITE WEL Square Footage of Bldg. _____

SOIL TEST RESULTS

Perc Test Results			Soil Log	
Hole No.	Depth	Rate Min/In	Depths	Description of Soil Encountered
#1	60"	1"/1 min.	0"-12"	TOPSOIL
#2	58"	1"/1 min.	12"-41"	LT. BROWN CLAY
			41"-96"	FRACTURED RED MED.
				SHALE W/ RED CLAY & LOAM

Date of Perc Tests 1-17-80
Date of Soil Logs 1-17-80
Professional Firm PRINCETON JCR. ENGINEERING CO.
Test Conducted by FRANK L. QUINBY
Witnessed By _____
Design Certified By: _____
Depth to Bedrock 96"
Depth to Seasonal High Water Table 93"

Determined by (check one):

- a) Physical Measurement ☒ Jan 1 - May 15
b) Soil Maps ☐ List Below
c) Soil Detail ☐ Describe Below

Paul C. Quinby
(Signature of Professional Engineer)

(Seal) License # 11087
Date 11-5-87

SYSTEM DESIGN SHALL COMPLY WITH N.J.D.E.P. STANDARDS FOR THE CONSTRUCTION OF INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM AND HOPEWELL TOWNSHIP SEWAGE DISPOSAL ORDINANCE.

No. of Bedrooms 4 x 220 Square Footage/Bedroom = 880 1100 Square Feet
Tank(s) Size 1250 GALLON Square Footage Designed 876 1100
Installer Woodburn Excavating Phone # _____
Address _____

Three copies of Design to be submitted on 8 1/2" x 14" sheets.
Minimum Distance to all Water Courses, Flood Plains and Wells, 100 feet unless approved by Administrative Authority.
Distance to other disposal systems on adjacent lots - 50 feet minimum.
Expansion attics require additional design area square footage.
Garbage disposals require 25% over design and an additional tank in series.
Distance to foundations and foundation drains, etc. 25 feet minimum.
Pump design to include pitless adapter, pump size and model, and minimum wet well size.

Application Approved _____ Date 11-19-87
Installation Approved _____ Date 8-25-88 SR
As Built Approved _____ Date 8-28-88 SR

See note about 1250 gal
septic tank on approval
letter

Office Use Only

Permit No. 11191

Date: 10-2-87

Fee Received \$50.00

BOARD OF HEALTH OF HOPEWELL TOWNSHIP
ROUTE 546, TITUSVILLE, NEW JERSEY 08560

APPLICATION FOR PERMIT TO LOCATE AND CONSTRUCT AN INDIVIDUAL WATER SUPPLY
AND SYSTEM OR ALTER AN EXISTING WATER SUPPLY SYSTEM.

SECTION A

Owners Name (print) Harding Hill Homes - Jim Boyd
Present Address P.O. Box 232 Telephone 795-4621
Location of property for which this application is made Hart crt Block 92 Lot 10.05
Name of Contractor or well driller WALTER P. TRAVIS INC.
Address 1650 Pennington Rd Telephone 882-3107
Contractor Jim Travis signature Owner Jim Boyd signature

SECTION B

Inspection of construction was made on the following date 11-17-87

Length of Casing 60' Method of grouting of annular space pressure grout

Installation and construction of well is certified to be in accordance with Hopewell Township Ordinance and N.J.D.E.P. Standards for Construction of Public non-community and non-public water systems.

Inspector Jim A. Travis

SECTION C

WELL DATA AS COMPLETED

N.J. State well drilling permit # 27-09384 dated 11-5-87
Length of casing (to extend 12" min. above Final Grade) 62 ft.
Depth 310 ft.
Water level below top of casing 60 ft.
Diameter of Well 6 in.
Estimated capacity of well 15 gpm
Length of pumping test 1 hr.

I certify that the above information is correct and the well has been drilled, sealed, and disinfected according to the latest Hopewell Township Ordinance.

Dated 8-8-88

Well driller Jim Travis

License # 614

Pump Data

Type of Pump Submersible Actual Pump Setting 160' ft.
Manufacturer Goulds Depth of jet below top of casing _____ ft.
Model 13Em Tank Data
Horse power 1 1/2 Hp Type of Tank X-Trol
Number of Stages 11 Capacity 120 - WX-251 gal.
Lowest Possible Setting 280' ft. Manufacturer X-Trol
Type of Pipe Plastic

I certify the above information is correct and the installation has been in accordance with manufacturer specifications and all required codes.

This must be completed and filed prior to issuance of a certificate of occupancy.

RECEIVED

AUG 11 1988

HOPEWELL TOWNSHIP HEALTH DEPT.

Pump Installer Jim Travis

License No. 614