

50, Final
11/20/96
11:00

05-413192
PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57328

A 40767

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

X4819933 XXX 313-2640

DATE 10-16-96

DATE SYSTEM APPROVED 11/20/96

INSPECTOR M. R. F. Kin

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION The Warfields LOT 3 ROAD 14821 Michele Drive

PROPERTY OWNER Thomas & Kathryn Bannister

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 7 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 250 feet from the front lot line and 135 feet from the right lot line. Run trenches along contour toward the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 9/13/96 DKS

PLANS APPROVED BY C. Williams/Donna K. Soe DATE 09/10/96

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

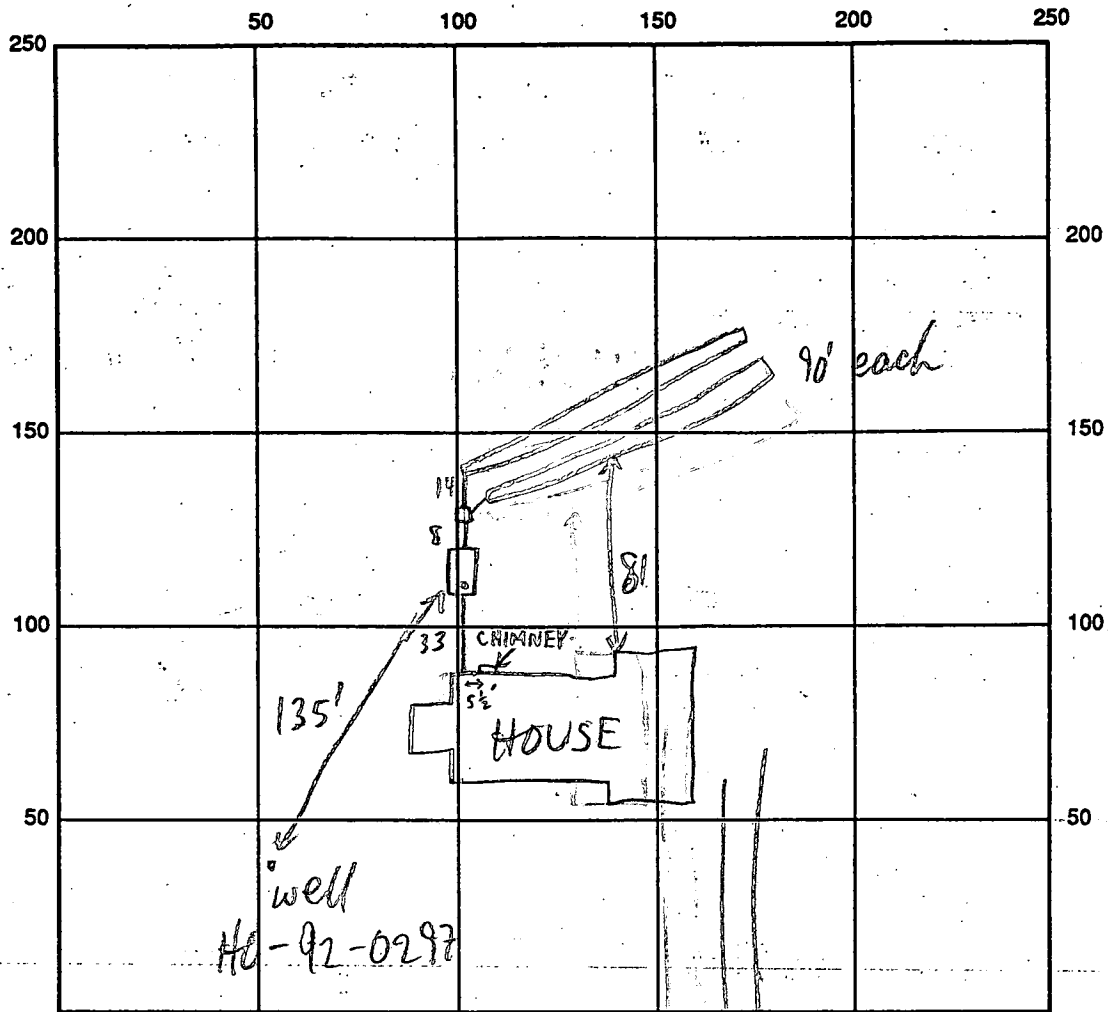
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A 40767



MICHELE DR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL CLEANOUTS S.T. OR

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH $\frac{1}{2}$ 7.5 / 7.5 - 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH $\frac{1}{2}$ 3.5 / 3.5 FT.

EFFECTIVE GRAVEL DEPTH $\frac{1}{2}$ 4 / 4 FT. TOTAL LENGTH 2 @ 90 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 2 @ 360 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS: 11/20/96 OK TO FINISH & COVER: TRENCHES ~30'
DOWNHILL OF TOP OF SEWAGE EASEMENT; LAYOUT ACCEPTED MR

DATE SYSTEM APPROVED 11/20/96 INSPECTOR M. Ripkin

APPLICATION

PERCOLATION TESTING

A 40767

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 5th

DATE 12/1/87

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Kennard Warfield Jr. Thomas & Kathryn Baumister

ADDRESS 14663 Triadelphia Rd PHONE 442-2337

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION: THE WARFIELDS

SUBDIVISION Sapling Range LOT NO. LOT 3 Preliminary

ROAD AND DESCRIPTION 14600 Triadelphia Rd just west of Howard Rd
(14821 MICHELE DRIVE)

TAX MAP 27 PARCEL # 56

BLDG. PERMIT SIGNED
AND RETURNED 9/10/96
Serial # B1010 2139
SFD - 4Bem
(SINGLE FAMILY DWELLING OR COMMERCIAL)

SIZE OF LOT 3 acres TYPE BLDG. _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Myard Reil
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

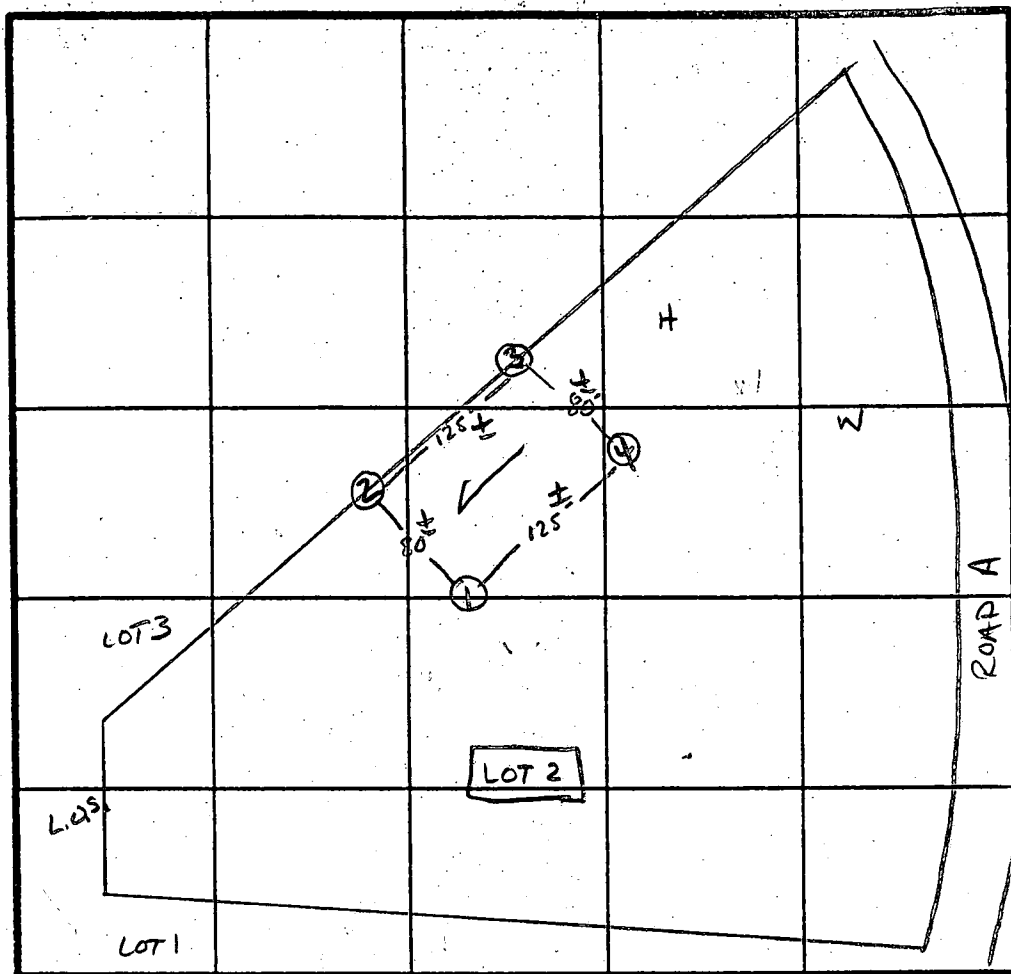
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2-1-88 Perc Satisfactory - Hold for Subdivision Plat. SAHM

THIS IS NOT A PERMIT

① ② ③
SOIL PROFILE

| |
|--|
| AP |
| Yell. Br Silty CLAY LOAM 10-20% FRASS |
| 4.5' |
| Tan/Light Brown MIXED LOAM 15-25% FRASS |
| 12' |



X PERC 7min
180 Ø 1BR
INLET 40 3.5
BOTTOM 80 7.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ TO TRIADephila Rd.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------|----------|-------------|--------------------|------|----------------|------|--------|
| | | | START | STOP | START | STOP | |
| 2/1/88 | 1S 1V | 5.5" 12" | 3:11 | 3:14 | 3:14 | 3:19 | 5 min |
| | 2S 2V | 3.5" 12" | 3:13 | 3:18 | 3:18 | 3:26 | 8 min |
| | 3S 3M | 3" 7" | 3:35 | 3:40 | 3:40 | 3:50 | 10 min |
| | | | 3:36 | 3:38 | 3:38 | 3:41 | 3 min |
| | 3V | 12" | UNIFORM soil below | | 3.0" | | |
| | 4V | 12" | UNIFORM soil below | | 3.0" | | |
| | | | | | | | |
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| | | | | | | | |

REMARKS Holes APPROX PLAT

TYPE OF SOIL Glendg

TESTED BY S. Abel

ALSO PRESENT D. KETTER, & Co. MARK R.

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 40768

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 5th

DATE 12/1/87

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Kennard Warfield Jr.

ADDRESS 14663 Triadelphia Rd PHONE 442-2337

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION: THE WARFIELD
SUBDIVISION Sapling Range LOT NO. Combined 3 Preliminary

ROAD AND DESCRIPTION 14600 Triadelphia Rd just west of Howard Rd

TAX MAP 27 PARCEL # 56

SIZE OF LOT 3 acres TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Myard Reel
(SIGNATURE OF APPLICANT)

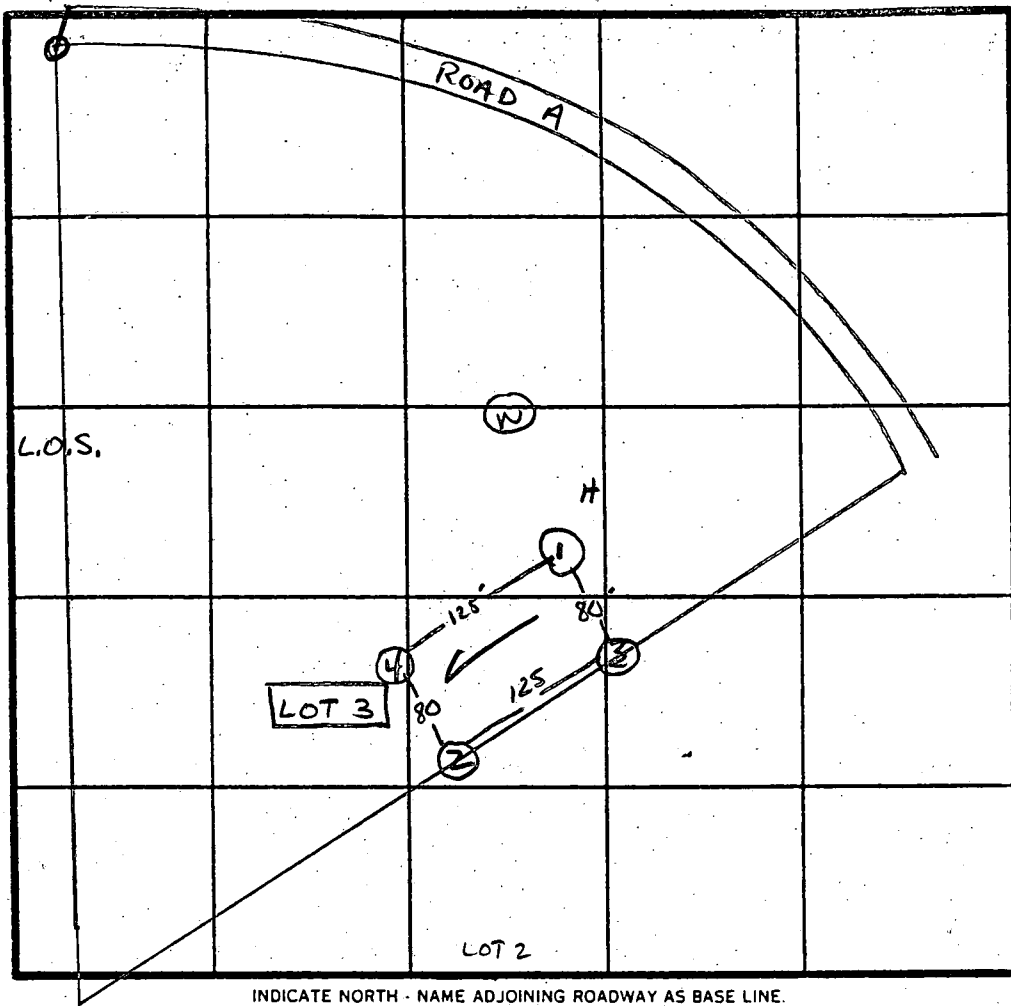
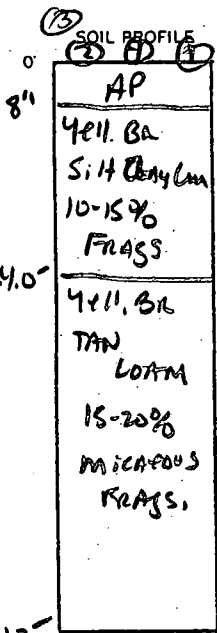
APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2-1-88 Perc Satisfactory - Hold For subdivision Plat. S. Hill

THIS IS NOT A PERMIT



X Perc 7 min
 INLET 3.5
 BOTTOM 7.5
 180 Φ 1 BR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
 ↓ TO TRIADELPHIA Rd.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------|----------|-------|--------------|----------------|----------------|------|--------|
| | | | START | STOP | START | STOP | |
| 2/1/88 | 1V | 12" | UNIFORM Soil | below 3.0' | | | |
| | 2S | 3.5 | 3:13 | 3:18 | 3:18 | 3:26 | 8 min |
| | 2V | 12.0 | UNIFORM Soil | below 3.5-4.0' | | | |
| | 3S | 3.0 | 3:35 | 3:40 | 3:40 | 3:50 | 10 min |
| | 3M | 7.0 | 3:36 | 3:38 | 3:38 | 3:41 | 3 min |
| | 3V | 12.0 | UNIFORM Soil | below 3" | | | |
| | 4S | 3.0' | 3:22 | 3:26 | 3:26 | 3:33 | 7 min |
| | 4V | 12.0' | UNIFORM Soil | below ~ 3.0' | | | |
| | | | | | | | |
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REMARKS Holes APPROX PLAT

TYPE OF SOIL G lenely

TESTED BY S. Abe

ALSO PRESENT D. KETTER & LO
MARK R.

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

New Installation X
Replacement _____

Receipt # _____
Date _____

Name of Installer Vantage Mechanical

Telephone 410-761-4111

License number 5563
Certified Well Pump Installer _____

Well Driller _____ Registered Plumber X

Name of Property Owner Thomas Bannister

Telephone _____

Subdivision The Wood Fields Lot # 3

Well tag # HO-92-0297

Site Address _____

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible X

2. Make JACUZZI

3. Model # 5547-9

4. Capacity 7 GPM

5. Pump exceeds well capacity. Yes _____ No X

6. If Yes, is low pressure cutoff switch installed? Yes _____ No X

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors X Cable guards _____ Other _____

Motor

1. Horsepower 1/2

2. RPM _____

3. Voltage _____

a. 110 _____

b. 220 X

Pitless Adapter

1. Make _____

2. Model # _____

3. Depth 42"

Tank

1. Capacity 42

2. Pressure relief valve? Yes

Piping

1. Type Plastic

2. Size 1"

3. NSF and/or BOCA Code approved _____

4. Depth of supply line 42"

Well data

1. Depth 245 ft..

2. Yield 10 GPM

3. Static water level 34 ft.

4. Will water supply be disinfected by installer? NO

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: _____

Date: 10-8-96

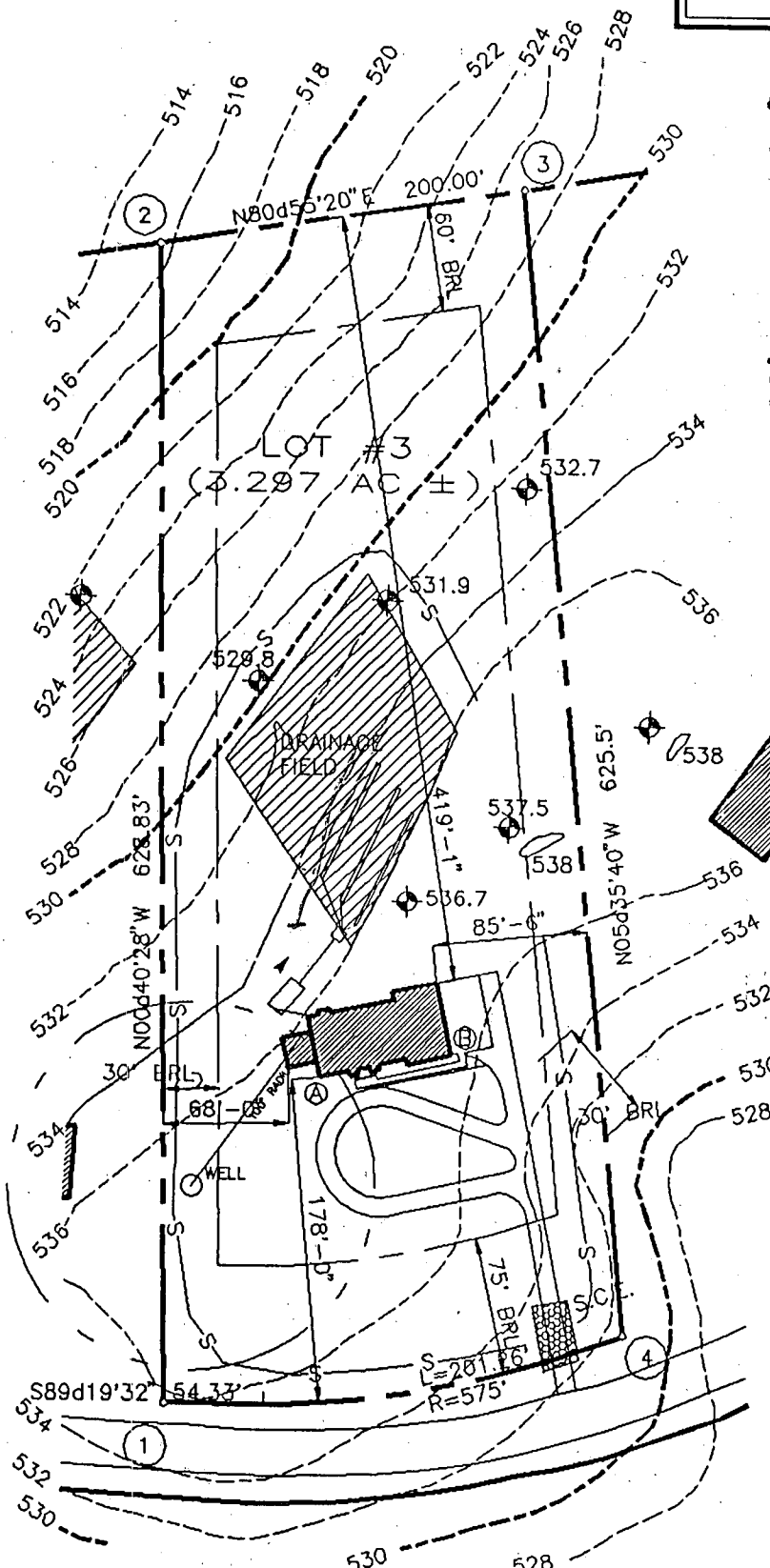
Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

NOTE: THE INFORMATION ON THIS SITE PLAN IS FOR APPROX. GRADING AND BLDG. LOCATION PURPOSES ONLY, AND SHOULD NOT BE USED AS A SURVEYED PLAT PLAN !!

Approved Septic System Plan
Howard County Health Department

REVISED

Amy McMill 10/1/96
Signature Date



NOTE: NO ROAD GRADING SHOWN

INV. ELEV. (OUT) AT FDN WALL = 535.25
 INV. ELEV. (IN) AT SEPTIC TANK = 534.5
 INV. ELEV. (OUT) AT SEPTIC TANK = 534
 INV. ELEV. (IN) AT DISTR. BOX = 533.5
 INV. ELEV. (IN) AT TRENCH = #1-533, #2-532, #3-531.5

ALL PROPOSED AND EXISTING ELEVATIONS ARE UNCHANGED AT SEPTIC, DIST. BOX AND TRENCH.

B00102139
REVISED
Date: 10-1-96
Comments: House moved back 4.5'

SUBMISSION: The Warfields
 LOT #3 - (3.297 Acres ±)
 ADDRESS: MICHELE DRIVE
 HOUSE TYPE: 2-Story Framed W/ In-Ground Basement
 WATER: Well
 SEWER: Septic
 ZONED: R
 ELECTION DIST: 5th (HOWARD COUNTY)
 TAX MAP #27, PARCEL #XX, FOLIO #9581

HOUSE LOCATION:
 PROP. CNR. #1 TO HOUSE CNR. A = 196'-0"
 PROP. CNR. #1 TO HOUSE CNR. B = 243'-4"
 PROP. CNR. #4 TO HOUSE CNR. A = 217'-8"
 PROP. CNR. #4 TO HOUSE CNR. B = 179'-8"

PROP. ELEV.
 BASEMENT = 529.63
 FIRST FLR. = 538.50
 GARAGE = 537.17

B.R.L. = Bldg. Restriction Line

STAMP

SITE PLAN OF BANNISTER RESIDENCE

GMA&D

Gregory Mitchell Architecture & Design Planning

P.O.Box 1522 Columbia, Maryland 21044 (410) 531-9055

JOB # - M96160

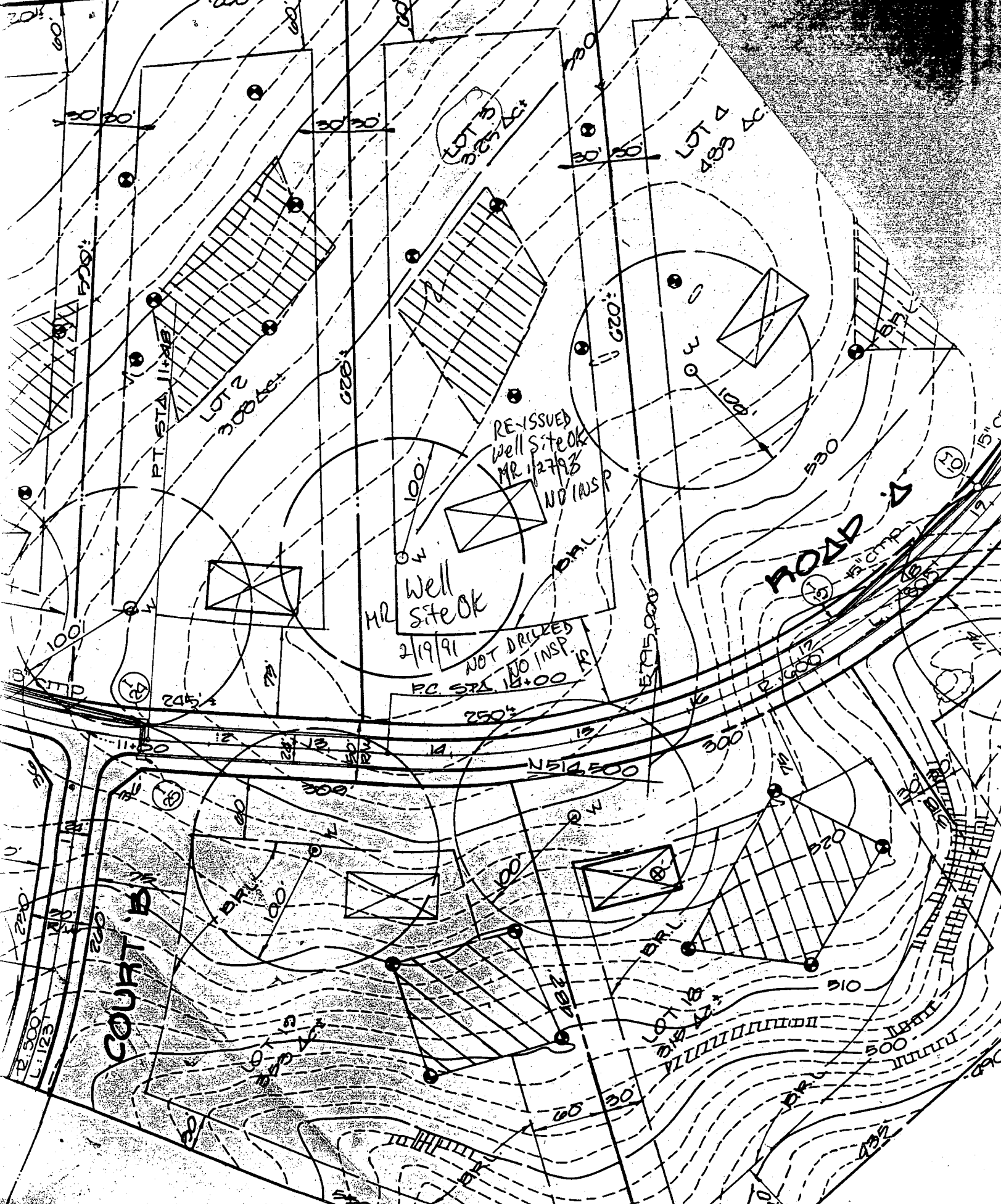
SCALE: 1"=100'

DATE: 9-3-96

DRAWN: KLP

CHECKED: GWM

N 80° 55' 20" E



RE-ISSUED
Well site OK
MR 1/27/93
NO INSP

MR Well site OK
2/19/91
NOT DRILLED
NO INSP.
P.C. STA. 14+00 R.P.

COURT B

ROAD 2

LOT 1
308 AC

LOT 3
488 AC

LOT 2
308 AC

PT. STA. 11+48

N 51° 45' 00" E

200'

200'

200'

30' 30'

30' 30'

30' 30'

245'

250'

300'

12,500'
L. 1123'

12,500'

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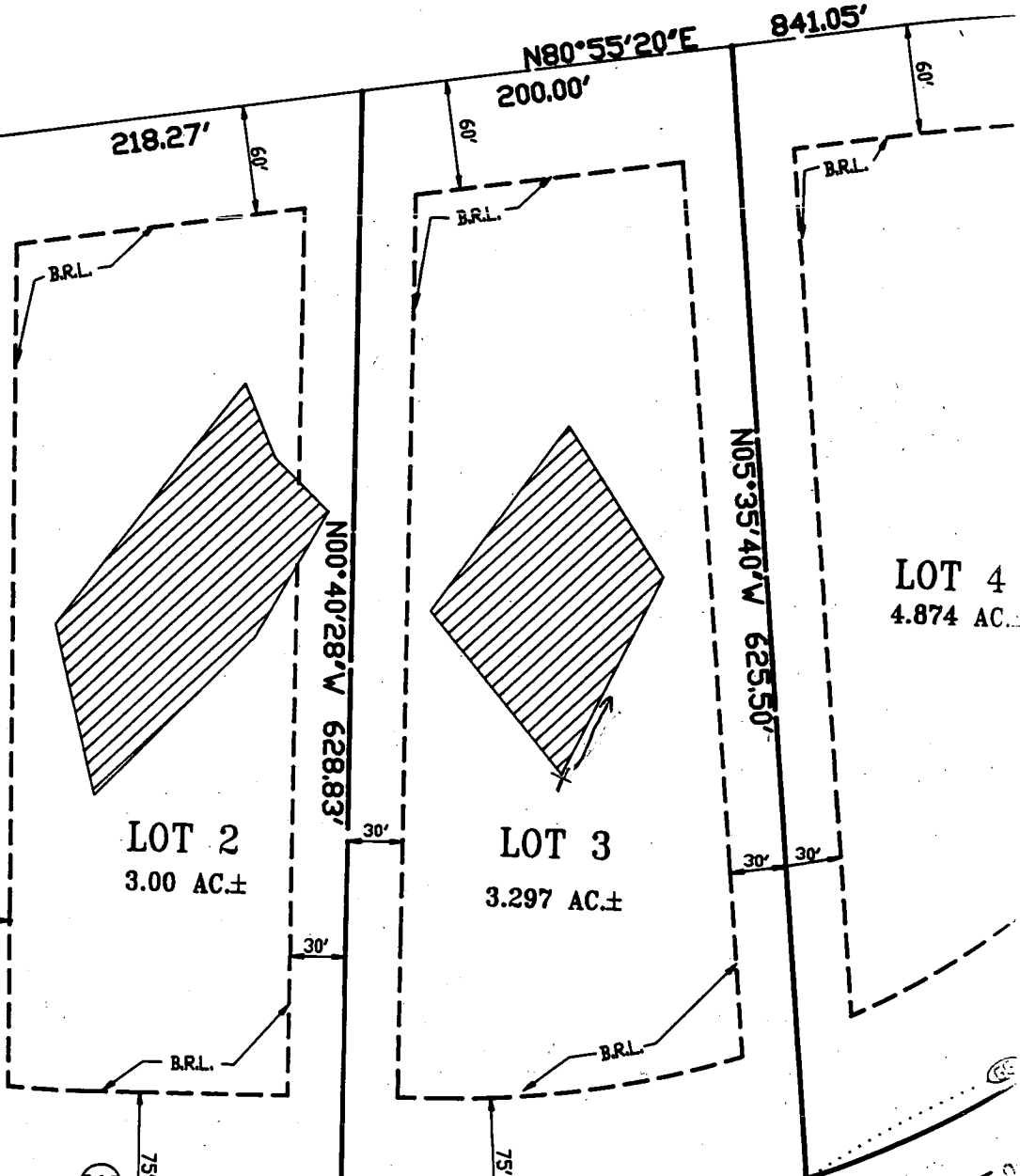
CHARLES R. GOSHEN
854/644
P. 43

F-89-231 Lot 3
MICHELE DRIVE

N 515000

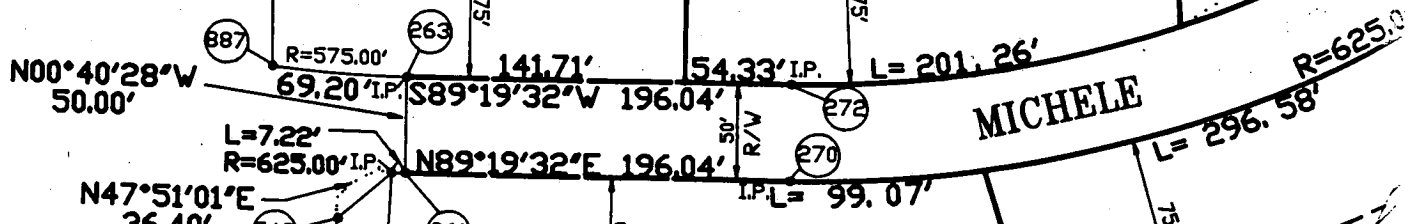
SEE SHEET 2 OF 9

(NR) N01°10'30"W 592.79'



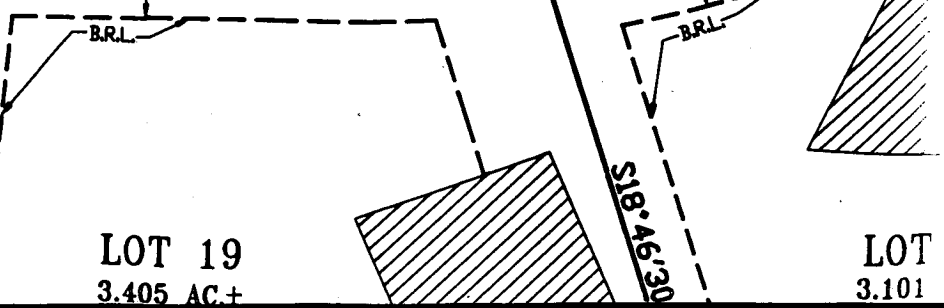
LOT 4
4.874 AC±

514500



MATCH LINE

SAPLING WAY 50'R/W
L=7.22'
R=625.00' I.P.
N04°34'17"E
134.71'
75' I.P.



LOT 19
3.405 AC±

LOT
3.101