10/29/99 15:00 (call check) 10/29/99 2-3pm 11/1/99 2:00

1/11/00 pump test 10 AM Co.

Pump Tank Needed

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512708

A 59287-C

DISTRICT

03- 330222

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

DATE 9-17-1999

DATE SYSTEM APPROVED 1/11/00

INSPECTOR CW

Gartland Plumbing & Heating IS PERMITTED TO INSTALL X ALTER

ADDRESS 1835 West Old Liberty Road, Westminster, MD 21157 PHONE 410-875-2400

SUBDIVISION Sand Hill Landing LOT 2 ROAD 2380 Sand Hill Road

PROPERTY OWNER Dorsey Family Homes

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

PUMPED SEPTIC SYSTEM PROPOSED

INSTALL: 1-1250 GALLON PUMP CHAMBER

NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permt.
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 140 feet from the West (416') lot line and 140 feet from the North lot line. Run trenches along contour toward rear of lot - BEING CERTAIN TO MAINTAIN 100 FEET SEPARATION FROM WATER WELL.

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

10/29/99 CHANGED BECAUSE OF FIELD CONDITIONS OK APP 9/23/99

TO 90'OFF OF THE 416. IS'& 195'OFF OF THE NORTH LOT LINE

(DBOX IS NOW LOCATED IN ITS ORIGINAL PLANNED LOCATION-SEE BP PLAN)

PLANS APPROVED BY (SRK) Craig Williams DATE 7-13-1999

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)

APPD. PERMIT SIGNED AND RETURNED 10/7/99

B00120667 LP Tank

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.

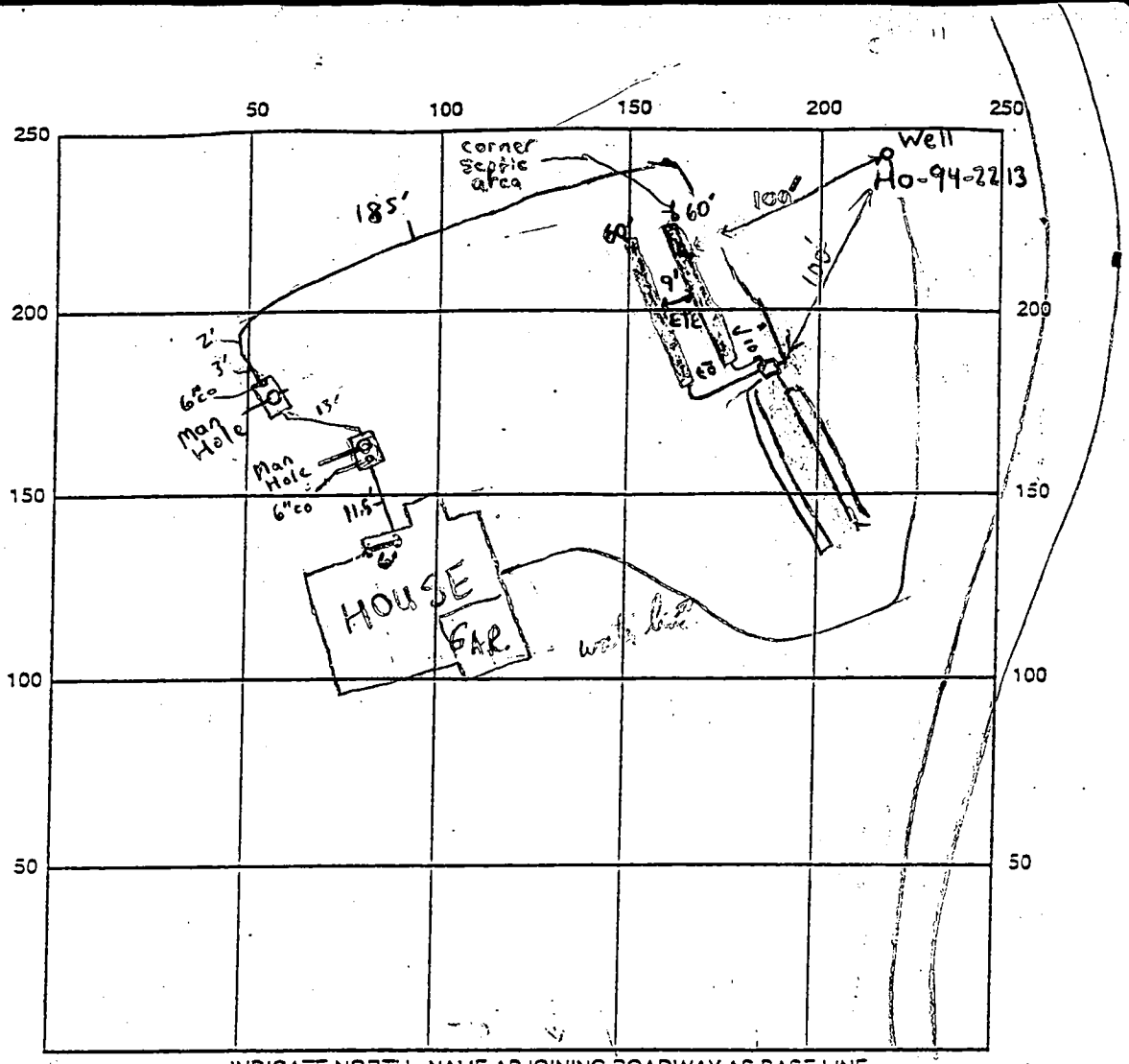
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

HD-260(6-90)

59287C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE SAND HILL ROAD

SEPTIC TANK LEVEL 2 - 1250 gallon midseam tanks CLEANOUTS Pump Tank - (6" & Manhole) Septic Tank - (6" & Manhole)

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 4 (@) 60 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 10/29/99 - DBOX LOCATION CHANGED BACK TO ITS ORIGINAL LOCATION AS A RESULT OF REVISED PLUMBING & CONTOUR ISSUES, OK TO INSTALL AS PER DISCUSSED & CONTINUE WORK - (SRH) 10/29/99 - OK TO CONTINUE WORK - (SRH)

11/1/99 ADDITIONAL 2 TRENCHES COMPLETE. OK TO COVER. CW

PUMP PERFORMANCE TEST N66063 FOR FINAL APPROVAL, ✓ OK 1/11/2000 CW

WPI - OK 11/3/99 RP 1/11/ BV:

DATE SYSTEM APPROVED 1/11/2000 INSPECTOR Cory Wilson

WPI
11/3/99 Ready 11-12

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

- -

New Installation ✓
Replacement ____

Receipt # ____
Date ____

Name of Installer J. Jos. Gartland, Inc. Telephone 410-875-2400

License Number 1713
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber ✓

Name of Property Owner Dorsey Family Homes Telephone 410-465-7200
Subdivision Sand Hill Landing Lot # 2 Well Tag # ____-____-____
Site Address 2380 Sand Hill Road.

- -

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible ✓
2. Make Goulds
3. Model # 5ES07422
4. Capacity 5 GPM
5. Pump exceeds well capacity Yes ____ No ✓
6. If Yes, is low pressure cutoff switch installed? Yes ____ No ____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ____ Cable guards ____ Other ____

Motor
1. Horsepower ~~3~~ 3/4
2. RPM ____
3. Voltage ____
   a. 110 ____
   b. 220 ✓

Pitless Adapter
1. Make Harvard
2. Model # PT800
3. Depth 42"

Tank
1. Capacity 42gal
2. Pressure relief valve? 75PSI

Piping
1. Type Plastic
2. Size 1"
3. NSF and/or BOCA Code approved ✓
4. Depth of supply line 42"

Well data
1. Depth 250 ft.
2. Yield ____ GPM
3. Static water level ____ 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.

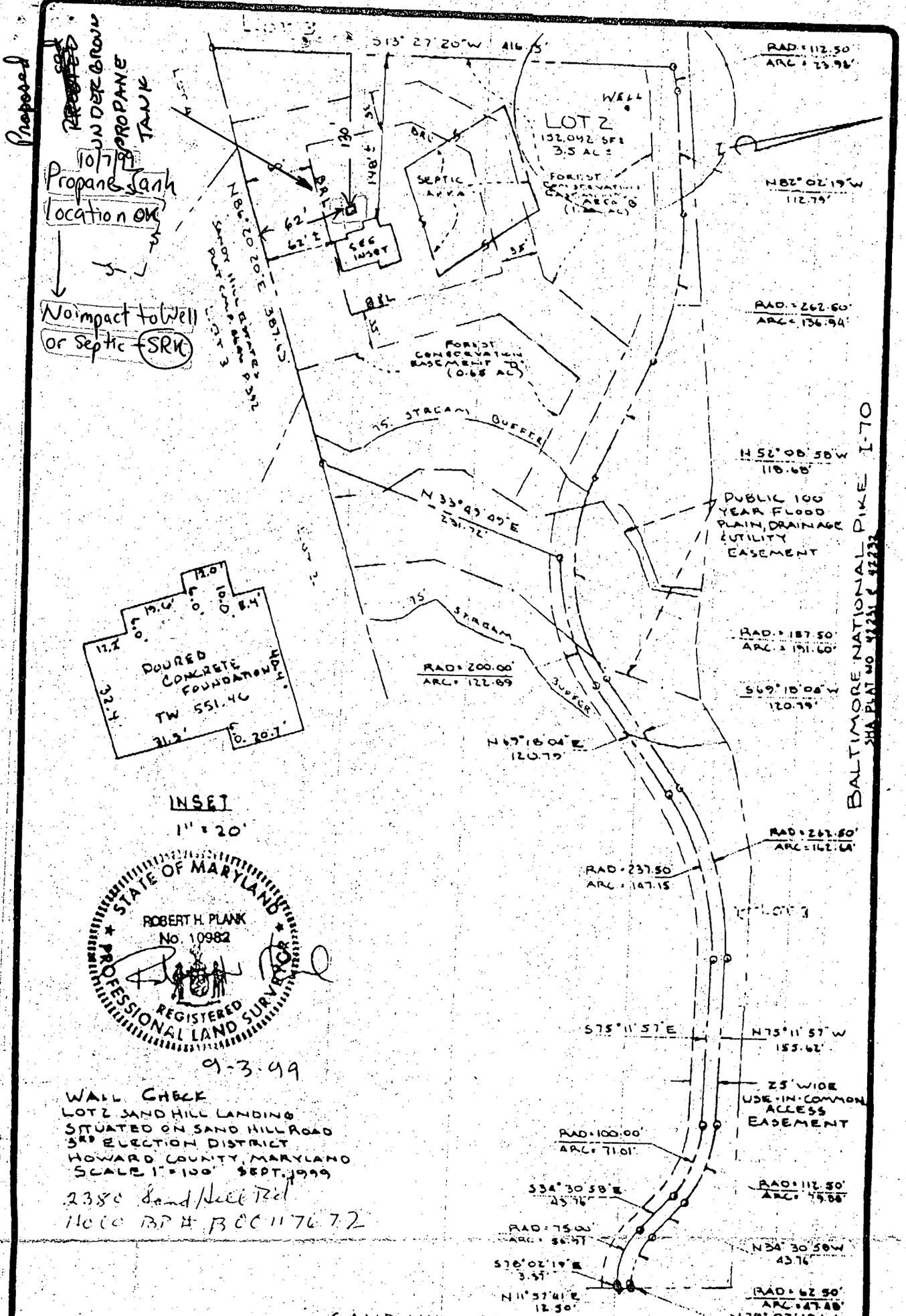
WPI OK RJP (SRH)
11/3/99

Signature of Applicant: _____

Date: 11/4/99

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

HD-215



STATE OF MARYLAND
ROBERT H. PLANK
No. 10982
REGISTERED PROFESSIONAL LAND SURVEYOR

9-3-99

WALL CHECK
LOT 2 SAND HILL LANDING
SITUATED ON SAND HILL ROAD
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE 1" = 100' SEPT. 1999

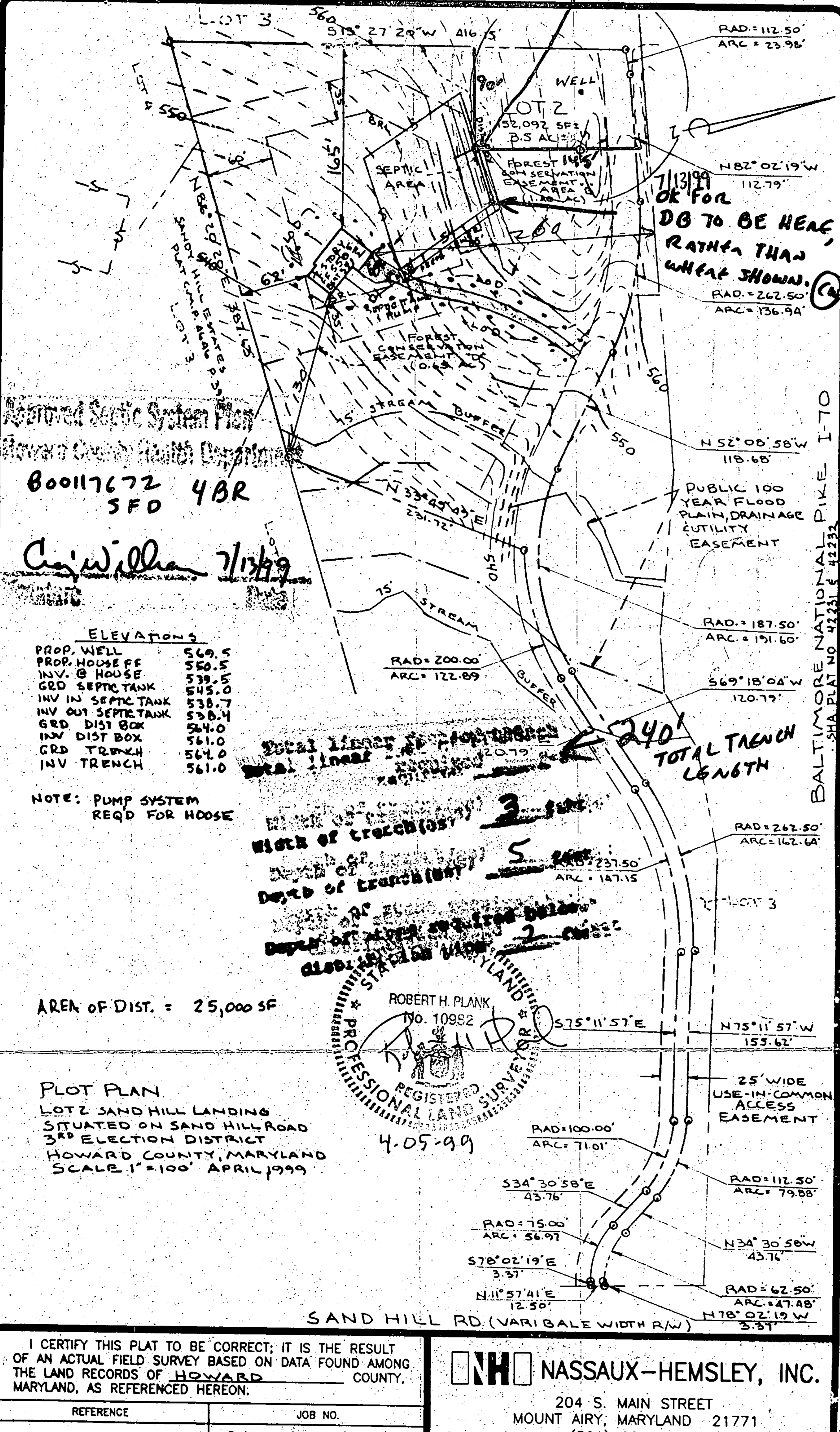
2380 Sand Hill Rd
Hoco BP # BCC 11772

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

REFERENCE	JOB NO.
TM 16, P 66	99SY 0901

NH NASSAUX-HEMSLEY, INC.
204 S. MAIN STREET
MOUNT AIRY, MARYLAND 21771
(301) 829-2296

10/29/99-ACTUAL DBOX LOCATION (SRW)


LOT 3
S 15° 27' 29" W 416.15'
RAD.= 112.50'
ARC = 23.98'
WELL
LOT 2
52,092 SF±
SEPTIC AREA
FOREST CONSERVATION EASEMENT AREA
N 82° 02' 19" W 112.79'
7/13/99 OK FOR DB TO BE HERE, RATHER THAN WHERE SHOWN.
RAD.= 262.50'
ARC = 136.94'
FOREST CONSERVATION EASEMENT (0.65 AC)
SANDY HILL ESTATES PLAT
LOT 3
75' STREAM BUFFER
N 52° 08' 58" W 118.68'
Approved Septic System Plan
Howard County Health Department
B00117672
SFD
4BR
7/13/99
N 33° 45' 43" E 231.72'
PUBLIC 100 YEAR FLOOD PLAIN, DRAINAGE & UTILITY EASEMENT
BALTIMORE NATIONAL PIKE I-70
SHA PLAT NO 42231 & 42232
ELEVATIONS
PROP. WELL 569.5
PROP. HOUSE FF 550.5
INV. @ HOUSE 539.5
GRD SEPTIC TANK 545.0
INV IN SEPTIC TANK 538.7
INV OUT SEPTIC TANK 538.4
GRD DIST BOX 564.0
INV DIST BOX 561.0
GRD TRENCH 564.0
INV TRENCH 561.0
NOTE: PUMP SYSTEM REQD FOR HOUSE
RAD.= 187.50'
ARC.= 191.60'
RAD.= 200.00'
ARC.= 122.89
S 69° 18' 04" W 120.79'
240' TOTAL TRENCH LENGTH
Width of trench(es) 3
Depth of trench(es) 5
Depth of stone required below distribution pipe 2
RAD.= 262.50'
ARC.= 162.64'
RAD.= 237.50'
ARC.= 147.15
AREA OF DIST. = 25,000 SF
ROBERT H. PLANK
No. 10982
STATE OF MARYLAND
REGISTERED PROFESSIONAL LAND SURVEYOR
4-05-99
S 75° 11' 57" E
N 75° 11' 57" W 155.62'
25' WIDE USE-IN-COMMON ACCESS EASEMENT
PLOT PLAN
LOT 2 SAND HILL LANDING
SITUATED ON SAND HILL ROAD
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE 1" = 100' APRIL 1999
RAD.= 100.00'
ARC.= 71.01'
S 34° 30' 58" E 43.76'
RAD.= 112.50'
ARC.= 79.88'
RAD.= 75.00'
ARC.= 56.97
N 34° 30' 58" W 43.76'
S 78° 02' 19" E 3.37'
N 11° 57' 41" E 12.50'
RAD.= 62.50'
ARC.= 47.48'
N 78° 02' 19" W 3.37'
SAND HILL RD. (VARIBALE WIDTH R/W)

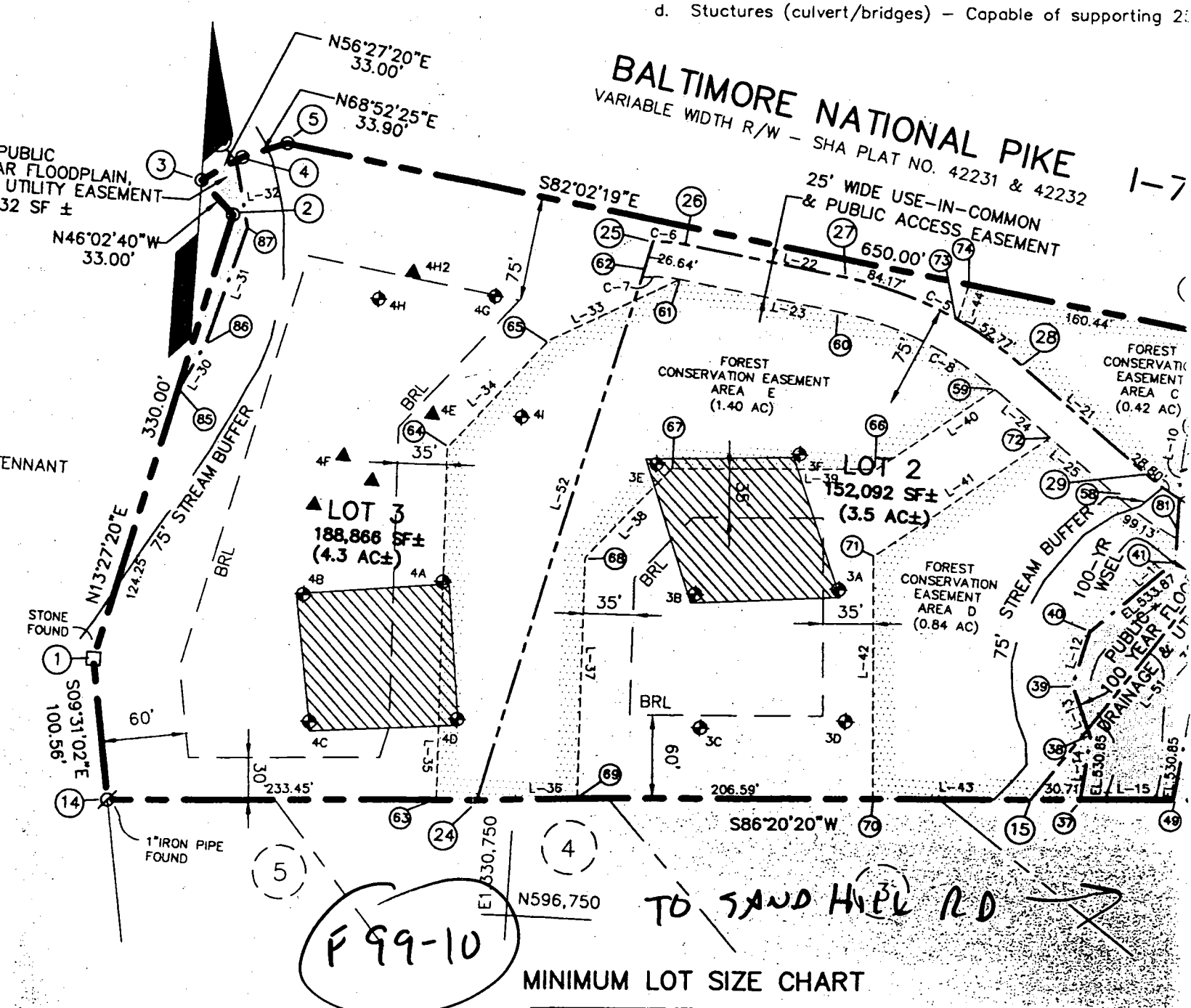
I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON:

REFERENCE	JOB NO.
TM 16, P 66	99SY 0901

NH NASSAUX-HEMSLEY, INC.
204 S. MAIN STREET
MOUNT AIRY, MARYLAND 21771
(301) 829-2296

34°30'58"W	43.76'	L-44	S13°18'32"W 25.99'
75°11'57"W	155.62'	L-45	N08°00'55"E 21.70'
69°18'04"W	120.79'	L-46	N06°32'59"W 216.79'
52°08'58"W	118.68'	L-47	N78°02'19"W 3.37'
82°02'19"W	112.79'	L-48	N34°30'58"W 43.76'
82°02'19"E	112.79'	L-49	N75°11'57"W 155.62'
52°08'58"W	51.47'	L-50	S69°18'04"W 120.79'
52°08'58"W	67.21'	L-51	S33°49'49"W 231.72'
69°18'04"E	120.79'	L-52	S13°27'20"W 416.15'
		L-53	N86°20'20"E 365.70'

7. There are no existing structures on site to remain.
8. Refuse collection, snow removal and road maintenance fo the junction of the flag or pipestem and the road R/W or pipestem lot driveway.
9. All areas are more or less.
10. This plat is based on a field run monumented boundary January 13, 1998 by D.S. Thaler & Associates, Inc.
13. Driveways shall be provided prior to residential occupancy and emergency vehicles per the following minimum require
    a. Width – 16 feet serving two or more residences.
    b. Surface – 6 inches of compaced crusher run base wi
    c. Geometry – Maximum 15% grade, maximum 8% grade 45 foot turning radius.
    d. Stuctures (culvert/bridges) – Capable of supporting 2



MINIMUM LOT SIZE CHART

LOT NO.	GROSS AREA	PIPESTEM AREA	MIN. LOT SIZE
2	152,092 SF	9,112 SF	142,980 SF
3	188,866 SF	56,438 SF	132,428 SF

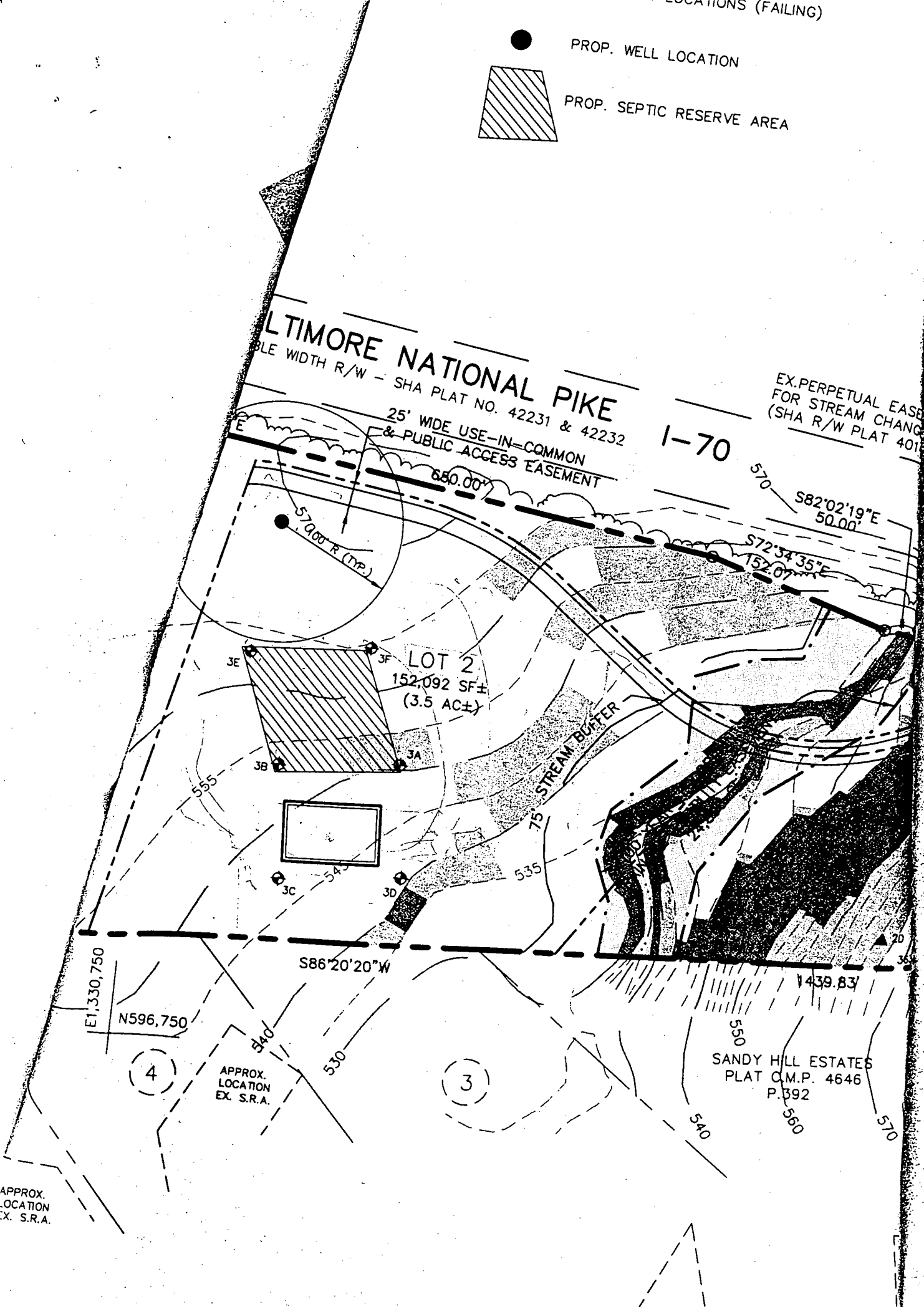
T (PASSING)
T (FAILED)
□ STONE FOUND
⌀ IRON PIPE FOUND

BULATION

er of lots to be recorded:

OWNER'S DEDICATION

I, Duane E. Zentgraf, Member, C.A.B. Properties, Inc., owner of the property shown


LOCATIONS (FAILING)
PROP. WELL LOCATION
PROP. SEPTIC RESERVE AREA
LTIMORE NATIONAL PIKE
BLE WIDTH R/W - SHA PLAT NO. 42231 & 42232
I-70
EX.PERPETUAL EASE
FOR STREAM CHANG
(SHA R/W PLAT 401
25' WIDE USE-IN-COMMON
& PUBLIC ACCESS EASEMENT
650.00'
570
S82°02'19"E
50.00'
S72°34'35"E
152.07'
57,000" R (TYP.)
LOT 2
152,092 SF±
(3.5 AC±)
3E
3F
3A
3B
3C
3D
555
545
535
75' STREAM BUFFER
S86°20'20"W
1439.83'
E1,330,750
N596,750
540
530
550
560
570
4
APPROX.
LOCATION
EX. S.R.A.
3
SANDY HILL ESTATES
PLAT C.M.P. 4646
P.392
APPROX.
LOCATION
EX. S.R.A.

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE Jan. 28, 1998

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 Duane Zentgraf

ADDRESS 2701 Woodridge Court, W. Friendship, MD 21794 PHONE 410-442-2709

PROSPECTIVE BUYER Heritage Land Development

ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE 410-313-8808

PROPERTY LOCATION:

SUBDIVISION ~~Zentgraf Property~~ Sand Hill Landing SRH LOT NO ~~X~~ ~~X~~ 2 SRH

ROAD AND DESCRIPTION Sand Hill Road, South West Corner of Sand Hill and I-70

TAX MAP 16 PARCEL # 66

SIZE OF LOT 1 Acre TYPE BLDG S. F. D.
(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. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

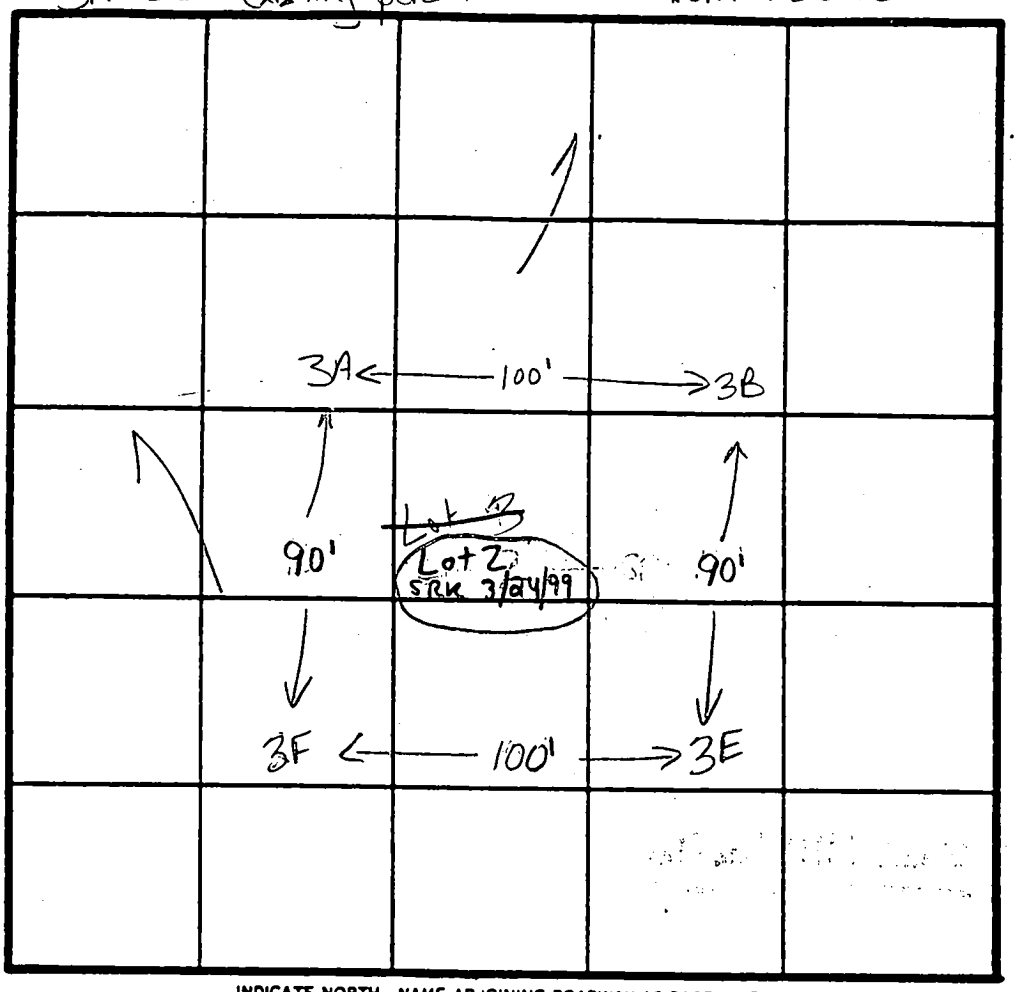
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

3A + 3B = existing perc test holes from 1·20·98



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Rt. 70

3E
SOIL PROFILE

0
or/br clay lm
2.5'
lt tan/brown silty loam 10%-15% Shale
11.0'

3F

or/br Clay lm	3.0'
lt tan/grey powder silt loam 20% Shale frags	10.0'
	10.0'

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
5.5.98	3E	3.0'S	10:23 30	10:24 30	10:24 30	10:25 30	fast
		11.0'D	visual	ok - see profile			
		(repour)	10:24	10:25	10:25	10:27	2 min
	3F	3.5'S	10:31	10:31 30	10:31 30	10:32 15	fast
		10.0'D	visual	ok - See profile			
		(repour)	10:32 30	10:33 30	10:33 30	10:35	1 30

REMARKS

TYPE OF SOIL

TESTED BY Kim Maiste ALSO PRESENT Tim Feaga, Chuck Zapp

1-7-98

APPLICATION

A 59287C

PERCOLATION TESTING

P _____

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

DISTRICT _____

DATE 12/29/97

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 ~~Duane Zentgraf~~ Dorsey Family Homes

ADDRESS 2701 Woodridge Court, W. Friendship, MD 21794 PHONE 410-442-2709

PROSPECTIVE BUYER Heritage Land Development

ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE 410-313-8808

PROPERTY LOCATION:

SUBDIVISION Sand Hill Landing (Revised Name) SRH ~~Zentgraf Property~~ LOT NO ~~III~~ 2 SRH

ROAD AND DESCRIPTION Sand Hill Road, South West Corner of Sand Hill and I-70
(2380 Sand Hill Road)

~~NO~~ PERMIT SIGNED AND RETURNED 2-13-99
Sewage # Brd 117672

TAX MAP 16 PARCEL # 66

SIZE OF LOT 1 Acre TYPE BLDG Single - 4 Bdrm
(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. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

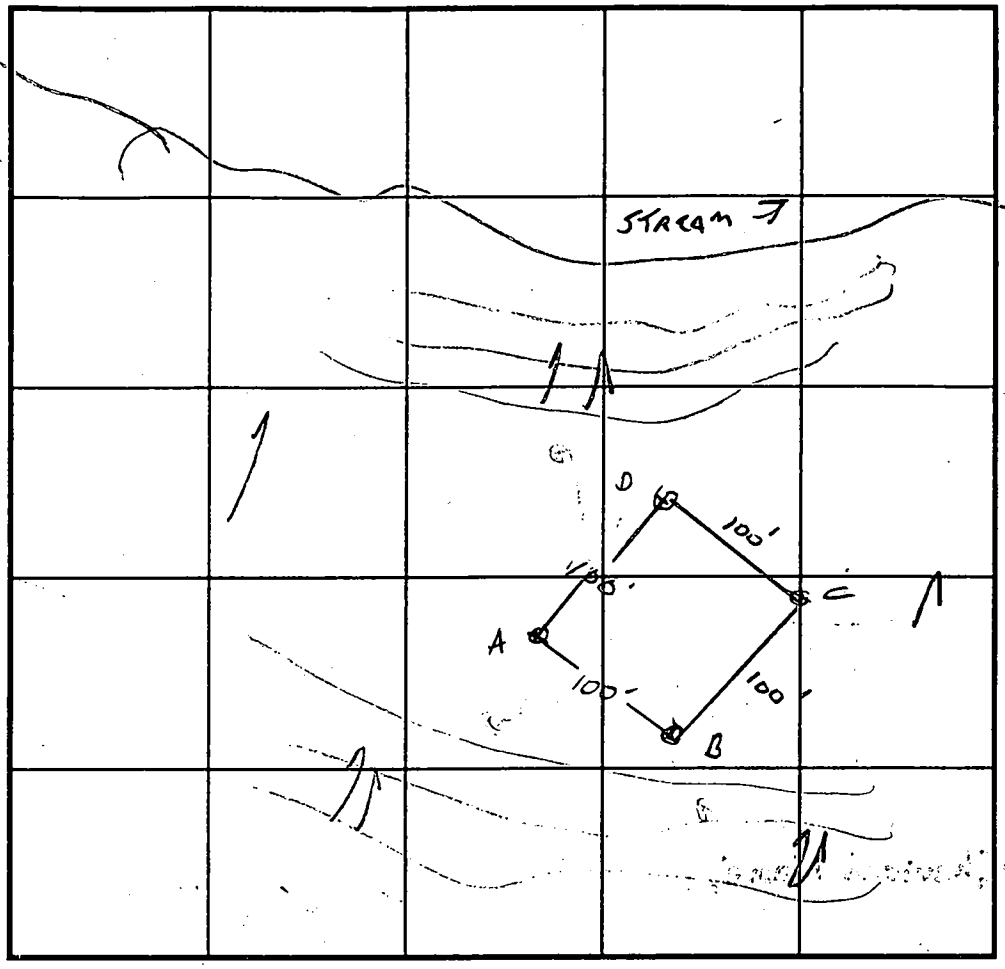
REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

Holes C & D are not within proposed septic reserve area SRK 3/24/99

A1-59287C
COUNTY #



SOIL PROFILE
TYPICAL
0' A
SOFT SHALEY MICA ROCK ORANGE CL
3
10YR 4/4 SANDY MICACEOUS LOAM WEAK FINE CRUMB DS
SOFT WEAK THIN COARSE PLATEY MICA FRAGS
11

SOIL PROFILE
0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
1/20/98	A	3,5 / 11V	12:17	12:18	→	12:20	2MW
	D	3,5 / 11 6"	12:27	12:28	12:31	12:33	2MW
	C	4 6" / 12	1236	→	12:39	12:42	3MW
	B	VISUAL	-				O/C

REMARKS ~~LOT 3~~ LOT 2

TYPE OF SOIL CHESTER SILT LOAM

TESTED BY G. SAVAGE ALSO PRESENT TIM FEAGA

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 MIN TRENCH WIDTH 3

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT/BEDROOM 180

HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

August 5, 1999

Robert Dorsey
Dorsey Family Homes
9926 Cypressmeade Dr.
Ellicott City, Md 21042

Re: Lot 1 Sand Hill Landing - B00117671
Lot 2 Sand Hill Landing - B00117672
Lot 3 Sand Hill Landing - B00117673

Dear Mr. Dorsey,

This is to confirm that water supply issues with respect to the above referenced properties have been appropriately addressed and each of the respective building permit applications have been recommended for approval.

For lots 2 and 3, the applicant's request for variance is hereby granted, allowing each lot to be served by an existing well. The basis of the variance being the distance to the point of connection to the public supply.

Lot 1, being closer to the point of connection, is designated for service by the public supply. Abandonment of the existing well is to be accomplished by a licensed driller as early in the construction sequence as practical. In the interim, the well should be protected from risk of accidental damage from construction traffic.

Thank you for your cooperation in this matter.

Yours truly,

Craig Williams

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewage Program Community Environmental Health Program Food Protection Program
Phone: 410-313-2640 FAX: 410-313-2648 TTD: 410-313-2323 TOLL FREE: 1-877-4MD-DHMH

C 1 | 06710 | SEQUENCE NO. (MDE USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED ✓

COUNTY NUMBER A59287C

ST/CO USE ONLY
DATE Received MM 03 DD 31 YY 99

DATE WELL COMPLETED MM 04 DD 30 YY 00

Depth of Well 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-94-2213

OWNER C.A.B. Properties

STREET OR RFD 2701 Woodridge Ct. TOWN West Friendship MD 21794

SUBDIVISION Sand Hill Landing SECTION _____ LOT 2

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	check if water bearing
Overburden	0	35	
Gray Rock	35	250	x
water at 82 & 210'			

NUMBER OF UNSUCCESSFUL WELLS 0

WELL HYDROFRACTURED (yes) Y (no) N

CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M W D 3 9 9

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. M 1W 2 4 1 D

Warren Powell

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) (yes) Y (no) N

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 9 NO. OF POUNDS 900

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (to nearest foot) from 0 (TOP) ft. to 36 (BOTTOM) ft. (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL | CO CONCRETE | PL PLASTIC | OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	6	40

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL | BR BRASS BRONZE | HO OPEN HOLE | PL PLASTIC | OT OTHER

C 2

EACH SCREEN	DEPTH (nearest ft.)		
1	40	40	250
2			
3			

SLOT SIZE 1 _____ 2 _____ 3 _____

DIAMETER OF SCREEN _____ (NEAREST INCH)

from	to
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T _____ (E.R.O.S.) _____ W Q _____

TELESCOPE CASING _____ LOG INDICATOR _____ OTHER DATA _____

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 13.6

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING 29 ft.

WHEN PUMPING 53 ft.

TYPE OF PUMP USED (for test)

A air | P piston | T turbine | C centrifugal | R rotary | O other (describe below) | J jet | S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES (NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 _____

CAPACITY GALLONS PER MINUTE (to nearest gallon) _____

PUMP HORSE POWER _____

PUMP COLUMN LENGTH (nearest ft.) _____

CASING HEIGHT (circle appropriate box and enter casing height)

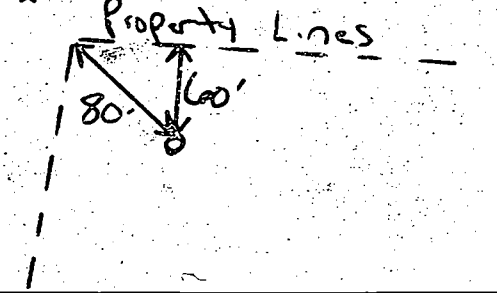
+ above LAND SURFACE

– below

1 (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



COUNTY

EMERGENCY/TEMP NO. IF ANY

B 1 | 8834 | SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER: HO -94 -2213

fill in this form completely

Date Received (APA): 03 25 99 (MM DD YY)

OWNER INFORMATION

C A B Properties
Last Name / Owner / First Name

2701 Woodridge Ct
Street or RFD

West Friendship MD 21794
Town / State / Zip

DRILLER INFORMATION

Paul M. Fabiszak — M 11 D3 9 9
Driller's Name / License No.

G. Edgar Harr Sons' Corp
Firm Name

12047 Falls Rd. Cockeysville 20030
Address

Signature — 3/23/99 Date

B 3 LOCATION OF WELL

Howard
COUNTY

Sand Hill Landing
SUBDIVISION

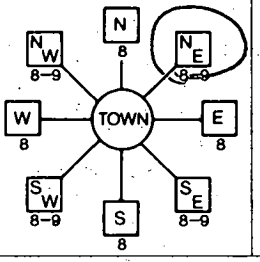
SECTION — LOT 2

West Friendship
NEAREST TOWN

MILES FROM TOWN (enter 0 if in town): 1 M I

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Sand Hill Road
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

600 DISTANCE FROM ROAD — Ft (ENTER FT OR MI)

TAX MAP: 16 BLK: 7 PARCEL 66

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.): 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 750

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION
- [I] INDUSTRIAL, COMMERICIAL, DEWATERING
- [P] PUBLIC WATER SUPPLY WELL
- [T] TEST, OBSERVATION, MONITORING
- [G] GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard — A 59287C
COUNTY NAME / COUNTY NO.

STATE SIGNATURE — INSERT S → S

DATE ISSUED 03 31 99 — Steven R. Kuiz — 03 31 00
MM DD YY / CO SIGNATURE / EXP. DATE

NORTH GRID 536 000 — EAST GRID 0819 000

APPROXIMATE DEPTH OF WELL: 200 FEET

APPROXIMATE DIAMETER OF WELL: 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) — JETTED — Jetted & DRIVEN
AIR-ROTary — (AIR-PERcussion) — ROTARY (Hydraulic Rotary)
CABLE — REVerse-ROTary — DRive-POINT
other

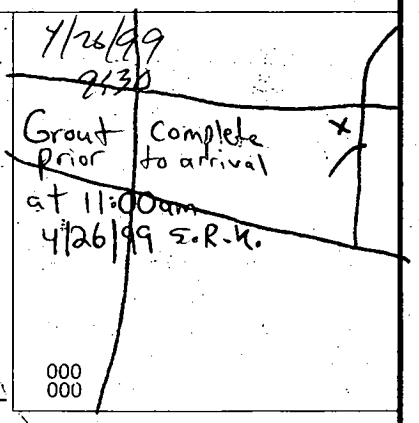
REPLACEMENT OR DEEPENED WELLS
(CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL
- [Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- [S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- [D] THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

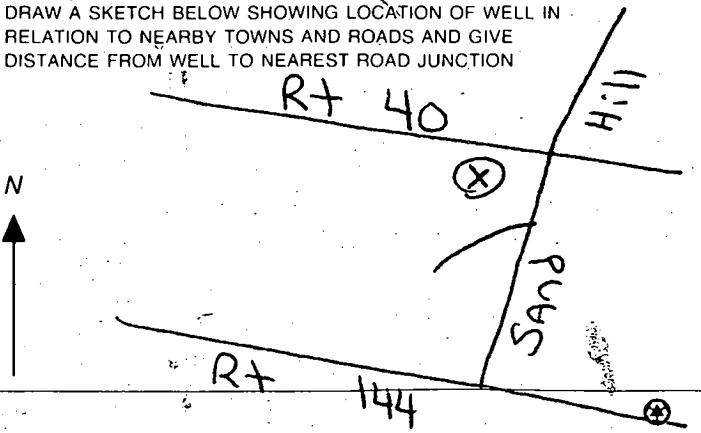
SOURCES OF DRILLING WATER
1. Well
2.
3.



WRITE THE BOX NUMBER FROM THE MAP HERE

E 819
N 536

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

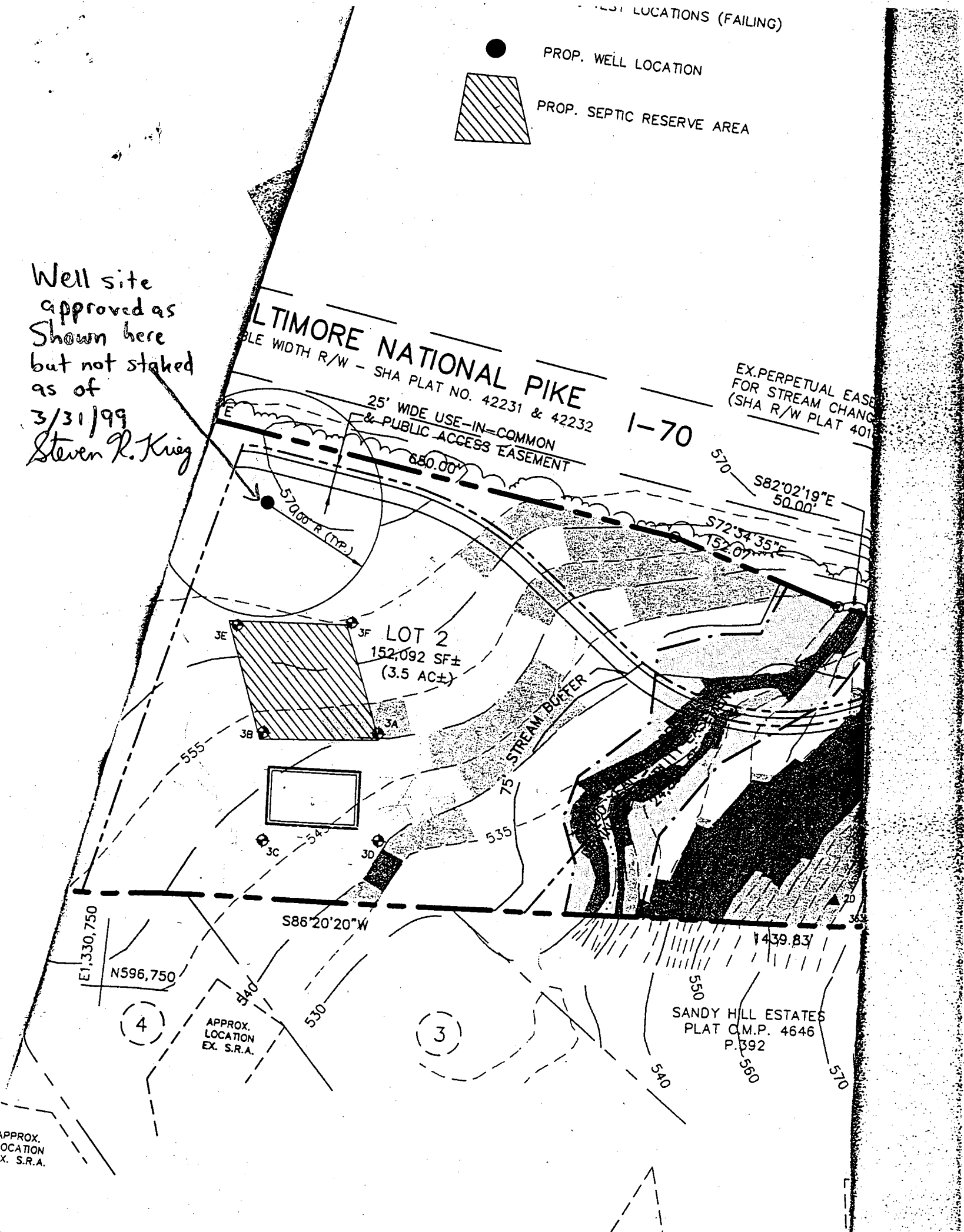


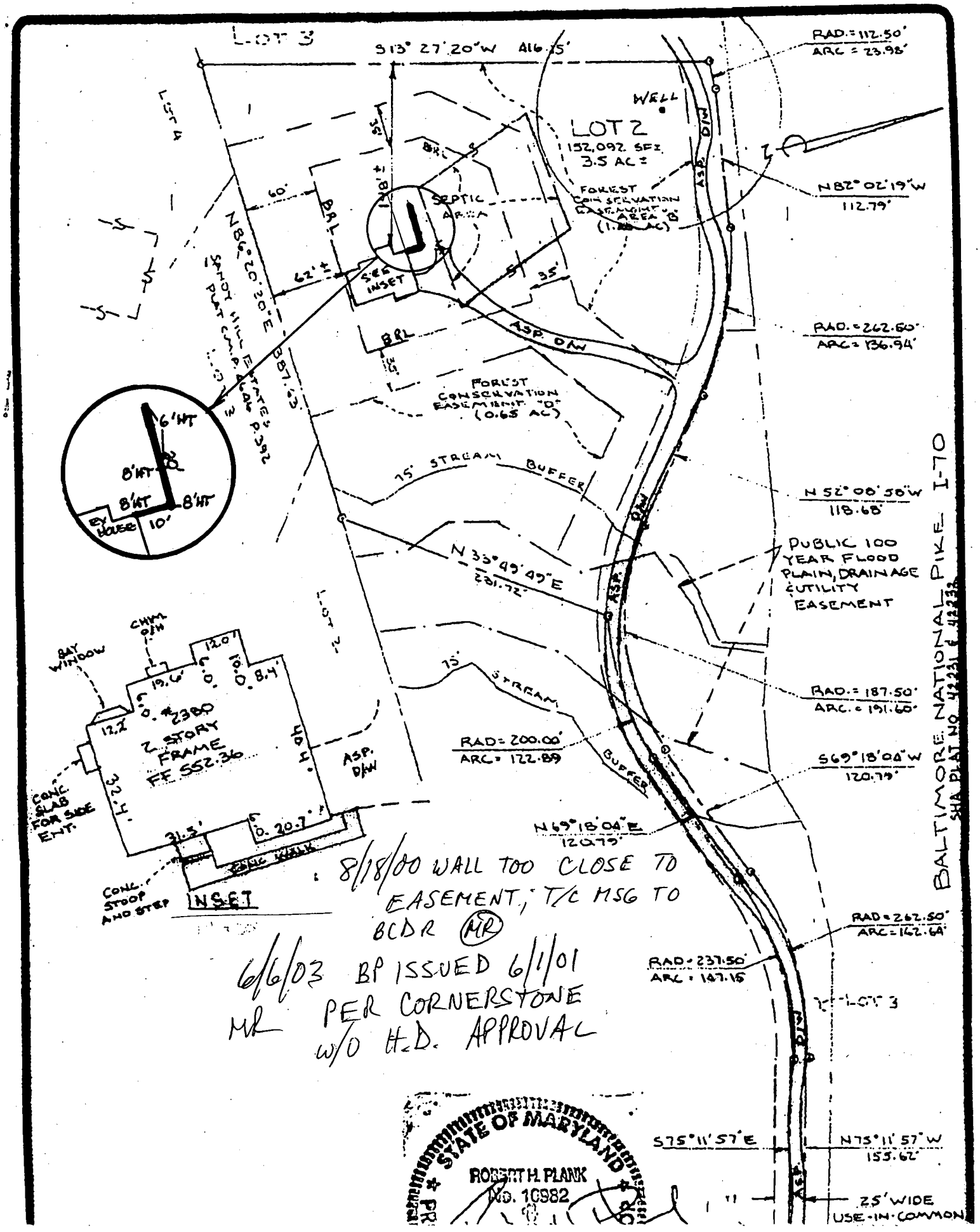
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER: G A P

PERMIT No. HO -94 -2213

SPECIAL CONDITIONS
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -


LOCATIONS (FAILING)
PROP. WELL LOCATION
PROP. SEPTIC RESERVE AREA
Well site approved as Shown here but not staked as of 3/31/99 Steven R. Krieg
LTIMORE NATIONAL PIKE
BLE WIDTH R/W - SHA PLAT NO. 42231 & 42232
I-70
EX. PERPETUAL EASE FOR STREAM CHANG (SHA R/W PLAT 401
25' WIDE USE-IN-COMMON & PUBLIC ACCESS EASEMENT
650.00'
570
S82°02'19"E 50.00'
S72°34'35"E 152.07'
57.00' R (TYP.)
LOT 2
152,092 SF±
(3.5 AC±)
3E
3F
3A
3B
3C
3D
2D
75' STREAM BUFFER
555
535
S86°20'20"W
1439.83'
E1,330,750
N596,750
540
530
550
560
570
4
3
APPROX. LOCATION EX. S.R.A.
SANDY HILL ESTATES
PLAT O.M.P. 4646
P.392
APPROX. OCATION X. S.R.A.


LOT 3
S13° 27' 20"W 416.15'
LOT 2
152,092 SF±
3.5 AC±
WELL
SEPTIC AREA
SEE INSET
BRL
60'
62'±
35'
NBG° 20' 20"E
187.63'
SPROUT HILL ESTATES PLAT 3 P.392
FOREST CONSERVATION EASEMENT "D" (0.65 AC)
ASP. DWY
75' STREAM BUFFER
RAD.=112.50'
ARC = 23.98'
N82° 02' 19"W
112.79'
RAD.=262.60'
ARC=136.94'
N 52° 00' 50"W
118.68'
PUBLIC 100 YEAR FLOOD PLAIN, DRAINAGE & UTILITY EASEMENT
N 33° 49' 49"E
231.72'
RAD.=187.50'
ARC.=191.60'
S69° 18' 04"W
120.79'
RAD=200.00'
ARC=122.89
N69° 18' 04"E
120.79'
RAD=262.50'
ARC=142.64'
RAD=237.50'
ARC=147.15'
LOT 3
S75° 11' 57"E
N75° 11' 57"W
155.62'
25' WIDE USE-IN-COMMON
BALTIMORE NATIONAL PIKE I-70
SHA PLAT NO 42231 & 42232
6'HT
8'HT
8'HT
8'HT
EX HOUSE
10'
BAY WINDOW
CHIM. O/H
12.0'
19.6'
0.8.4'
0.2380
2 STORY FRAME
FF 552.36
12.2'
31.5'
0.20.7'
CONC. SLAB FOR SIDE ENT.
CONC. STOOP AND STEP
INSET
ASP. DWY
8/18/00 WALL TOO CLOSE TO EASEMENT, T/C MSG TO BCDR (MR)
6/6/03 BP ISSUED 6/1/01
MR PER CORNERSTONE
W/O H.D. APPROVAL
STATE OF MARYLAND
ROBERT H. PLANK
No. 10982

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410)313-2455 INSPECTIONS (410)313-1810
AUTOMATED INFORMATION (410) 313-3800

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B00125836

Building Address 2380 Sand Hill Rd. Ellicott City, Md 21042

Suite/Apt. #: _____ SDP/WP/Petition #: _____

Census Tract 6030 Subdivision Sand Hill Meadows

Section 1 Area Dist 3 Lot 2

Tax Map 16 Parcel 66 Grid 7

Zoning RR Map Coordinates Lot size

Property Owner's Name John J. & Elaine L

Address 2380 Sand Hill Rd

City Ellicott City State Md Zip Code 21042

Home Phone 301-847-0977 Work Phone _____

Applicant's Name & Mailing Address, (if other than stated hereon):

301-847-0977

Phone Fax

Existing Use Existing Home

Proposed Use Sound Fence

Estimated Construction Cost $ 1500

Description of Work erect sound fence per plan & spec. 8'-10'

Contractor Company Dorsey Family Homes

Contact Person Robert L. Dorsey, Jr. President

Address 9926 Cypressmede Dr.

City Ellicott City State Md Zip Code 21042

License No. 189906

Phone 410-465-7200 Fax 410-465-0488

Occupant or Tenant n/a

Contact Name _____

Address _____

City _____ State _____ Zip Code _____

Phone Fax

Engineer or Architect Company N/A

Contact Person _____

Address _____

City _____ State _____ Zip Code _____

Phone Fax

BUILDING DESCRIPTION - *COMMERCIAL*

Building Characteristics

Height:

No. of stories:

Gross area, sq. ft. per floor:

Use group:

Construction type:
____ Reinforced Concrete
____ Structural Steel
____ Masonry
____ Wood Frame

____ State Certified Modular

Utilities

Water Supply:
____ Public
____ Private

Sewage Disposal:
____ Public
____ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐

Sprinkler system: N/A ☐
____ Full
____ Partial
____ Other Suppression
____ # of Heads

BUILDING DESCRIPTION - *RESIDENTIAL*

Building Characteristics

SF Dwelling ☐ SF Townhouse ☐

	Depth	Width
1st floor:		
2nd floor:		
Basement:		

Finished Basement ☐ Unfinished Basement ☐
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms _____

Multi-family dwellings:
No. of efficiency units: _____
No. of 1 BR units: _____
No. of 2 BR units: _____
No. of 3 BR units: _____

Other Structure: _____
Dimensions: _____
Footings: _____
Roof: _____

____ State Certified Modular
____ Manufactured Home

Utilities

Water Supply:
____ Public
X Private

Sewage Disposal:
____ Public
X Private

Electric Yes ☑ No ☐
Gas Yes ☐ No ☐

Heating System: FHA
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐

Sprinkler system: N/A ☐
____ NFPA #13D
____ NFPA #13R
____ Other:

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2)THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Robert L. Dorsey Pres — *Applicant's Signature*

President Dorsey Family Homes — *Title/Company*

Robert L. Dorsey Jr — *Print Name*

8-4-00 — *Date*

Checks payable to: *DIRECTOR OF FINANCE OF HOWARD COUNTY*

** PLEASE WRITE NEATLY AND LEGIBLY **

- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ		
Health		
Fire Protection		

Is Sediment Control approval required prior to issuance?
YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: ☐
ONE STOP SHOP: ☐

DPZ SETBACK INFORMATION

Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met?
YES ☐ NO ☐
Is Entrance Permit required?
YES ☐ NO ☐
Historic District?
YES ☐ NO ☐
Lot Coverage for NewTown Zone _____
SDP/Red-line approval date _____

PROPERTY ID#: 40932

Filing fee	$ 30
Permit fee	$ _____
Excise tax	$ _____
Sub-total paid	$ _____
Add'l permit fee	$ _____
TOTAL FEES	$ _____
Balance due	$ _____
Check	# blebal
Validation	# 23

Accepted by _____

Distribution of Copies- White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

a:\permit.frm

Rev. 10/15/98