

6/8/94
3:30-4:00

16-179736

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49853

A 39197

DISTRICT 2

DATE 7/26/94

DATE SYSTEM APPROVED 6/8/94

INSPECTOR M. Rifkin

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXXXXXX (410) 313-2640

INDEXED

* Time Expired for
F.C.O.P. Compliance

Olen Ketterman

IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Burleigh Manor LOT #667 ROAD 10433 Kingsbridge Rd. 51042

PROPERTY OWNER Vinod Malhotra

ADDRESS 7480 Setting Sun Way, Columbia, MD 21046

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

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

LOCATION - Starting from front left lot corner, start first trench 190' down left lot line and 150' off this same lot line. Run trenches along contours in both directions.

NOTES - No trench to exceed 100' in length. Provide 6"-8" diameter cleanout and cap to grade or above on septic tank. OK MR 10/13/93

PLANS APPROVED BY Mark Rifkin Revised DATE 7/21/89

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

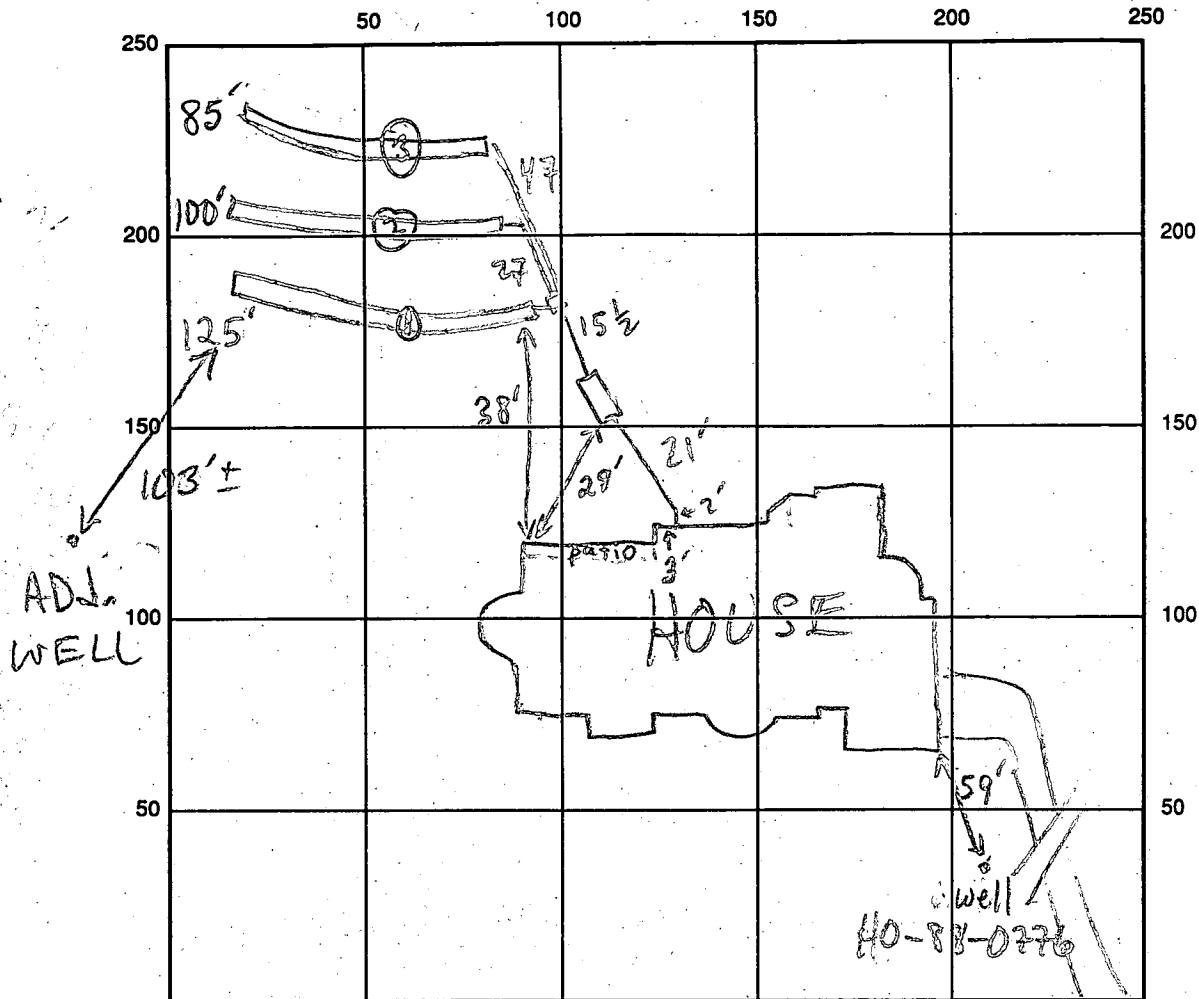
PERMIT VOID AFTER TWO YEARS

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
39197



KINGSBRIDGE RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2000 GAL - OK CLEANOUTS _____

DISTRIBUTION BOX LEVEL OK - Baffle in

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ①125 ②100 ③85 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA ①375 ②300 ③255 SQ. FT.

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

ABSORBENT AREA 930 SQ. FT.

REMARKS: 6/8/94 OK TO COVER ALL MR

DATE SYSTEM APPROVED

6/8/94

INSPECTOR

M. Riikin

APPLICATION

PERCOLATION TESTING

A 41164

P _____

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

DISTRICT 5TH

DATE 3-7-88

2 Holes Required

TO: THE COUNTY HEALTH OFFICER
ELLCOTT CITY, MARYLAND

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

Vinod Malhotra

PROPERTY OWNER Gerald M. Katz, Trustee c/o Whitman, Requardt and Associates.
~~Stewart J. Greenblatt~~ *484-2400*

ADDRESS 2315 Saint Paul Street, Balt., MD 21218 PHONE 301-235-3450
381-9087

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Burleigh Manor Section 2 LOT NO. 667 (old lot # 48)

ROAD AND DESCRIPTION West of the intersection of Centennial Lane & Old Annapolis Rd.
(10433 Kingsbridge Road)

TAX MAP 23, 24 PARCEL # 290

SIZE OF LOT 3 acre TYPE BLDG single family dwelling
(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 _____

BLDG. PERMIT SIGNED
AND RETURNED 8/24/93
Serial # 49795-
5 Bedrooms

BLDG. PERMIT SIGNED
AND RETURNED 9/2/89
Serial # 28854
SFD - 5 Bedrooms

HD-216

THIS IS NOT A PERMIT

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/3/08	8	14.0 v	(see profile)				OK

REMARKS OK to use holes 1, 2, 6, 7, 8, 60' x 220' area acceptable

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

APPLICATION

PERCOLATION TESTING

A 39197

P _____

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

DISTRICT _____

DATE _____

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 Gerald M. Katz, Trustee c/o Whitman, Requardt and Associates

ADDRESS 2315 Saint Paul Street, Baltimore, Md. 21218 PHONE (301) 235-3450

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Burleigh Manor Section 2 LOT NO. 4/8

ROAD AND DESCRIPTION West of the intersection of Centennial Lane and Old Annapolis Road

TAX MAP 23, 24 PARCEL # 290

SIZE OF LOT 3 Ac. TYPE BLDG. Single Family Dwelling
(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. Stem & Loren (301) 484-8400
(SIGNATURE OF APPLICANT)

APPROVED BY B. Nyxon FOR Shallow sys only DATE 2/5/88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6-5-87 Perc satisfactory hold for PWT & Allow

THIS IS NOT A PERMIT

High 2
6-7
4-3
5

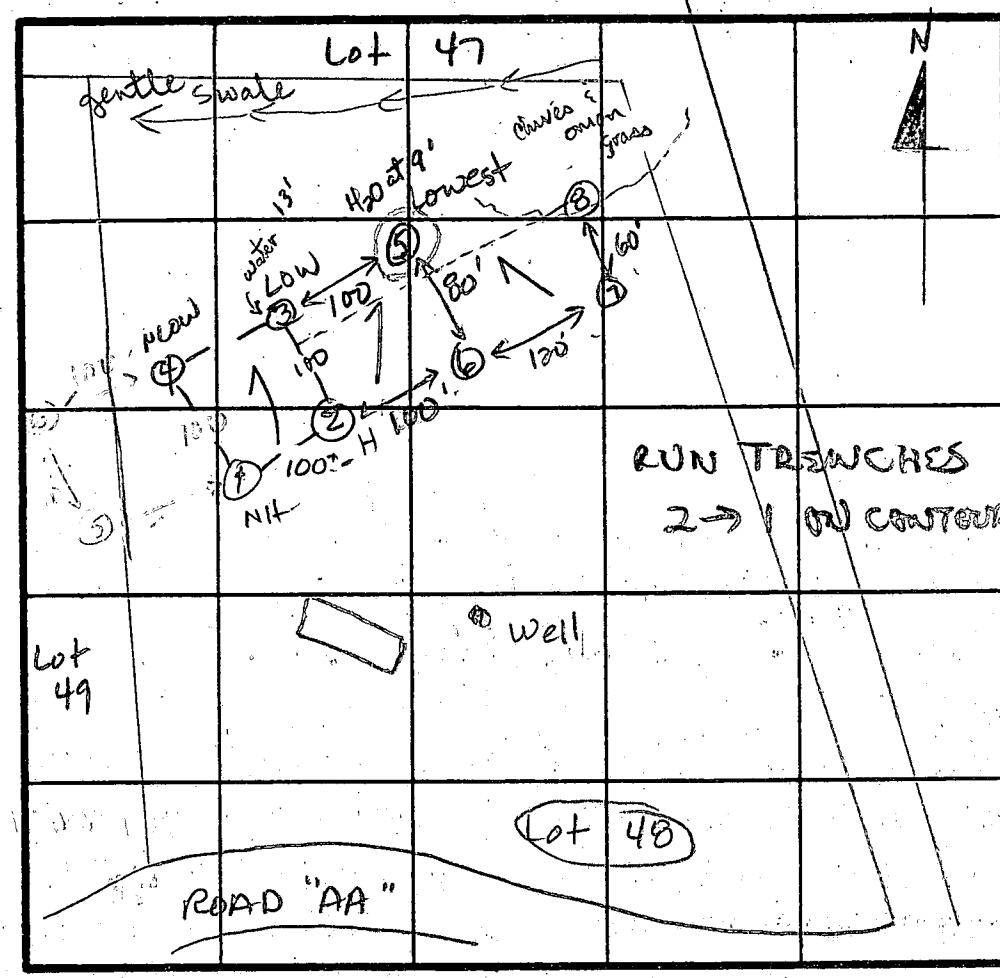
7

① ②
SOIL PROFILE

3-4" A1-3
Red Cl.
Silty clay
loam
small stones
10% frags

4.5" Yellow Cl.
w/ white-
brown silty
sand loam
Highly
micaceous
15-25%
frags
(white sand
in veins
hole)

12" H₂O 13" Hole 3



0-5.0 Red-br
silt cl
5.0-12.0 Br mica
silt loam
trc saprolite
12.0 Bottom

X Perc 3 min
9.5
INLET 4.5-
BOTTOM 4.5-
5.0
180 φ BR

⑧
0-4.0 Br silt
loam
4.2-5.0 white sa
silt loam,
decomposed
feldspar
lens

5.0-14.0 Br sa
silt loam,
10%
mica,
20%
saprolite
14.0 Bottom

⑤
0-3.5 Red-br
silt loam
3.5-9.5 Br
mica-
silt loam,
some
decomp
saprolite
< 30%
9.5 Bottom
Water
at 9.0'

⑥
0-2.5 Br sa
silt loam,
trc mica
2.5-11.0 Br sa
silt loam,
10%
saprolite
11.0 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/4/87	1 V	5' 13' uniform soil	11:03	11:05 below 4.5'	11:05	11:08	3 min
	2 S	4.5' 18'	11:05	11:06	11:06	11:08	2 min 3 min
	2 V	13'	SAME AS #1 w/ loss white sand - only in veins				
	3 S	4.5' 13.5'	11:09	11:11	11:11	11:16	5 min
	4 S	5' 13.5'	11:18	11:19	11:19	11:21	2 min
3/31/88	⑤ V	9.5'	see profile - water at 9.0'		Failed		
	6 S	3.5'	12:08	12:10	12:10	12:12	2 min
	D	11.0'	Bottom (see profile)				ok
	7 S	4.0' 5.0'	12:34	12:37	12:40	12:42	slow 2 min
	D	12.0'	Bottom (see profile)				ok

REMARKS Holes Per Plot - Shallow Syst. Only

TYPE OF SOIL Chester Lm.

TESTED BY S. Abel

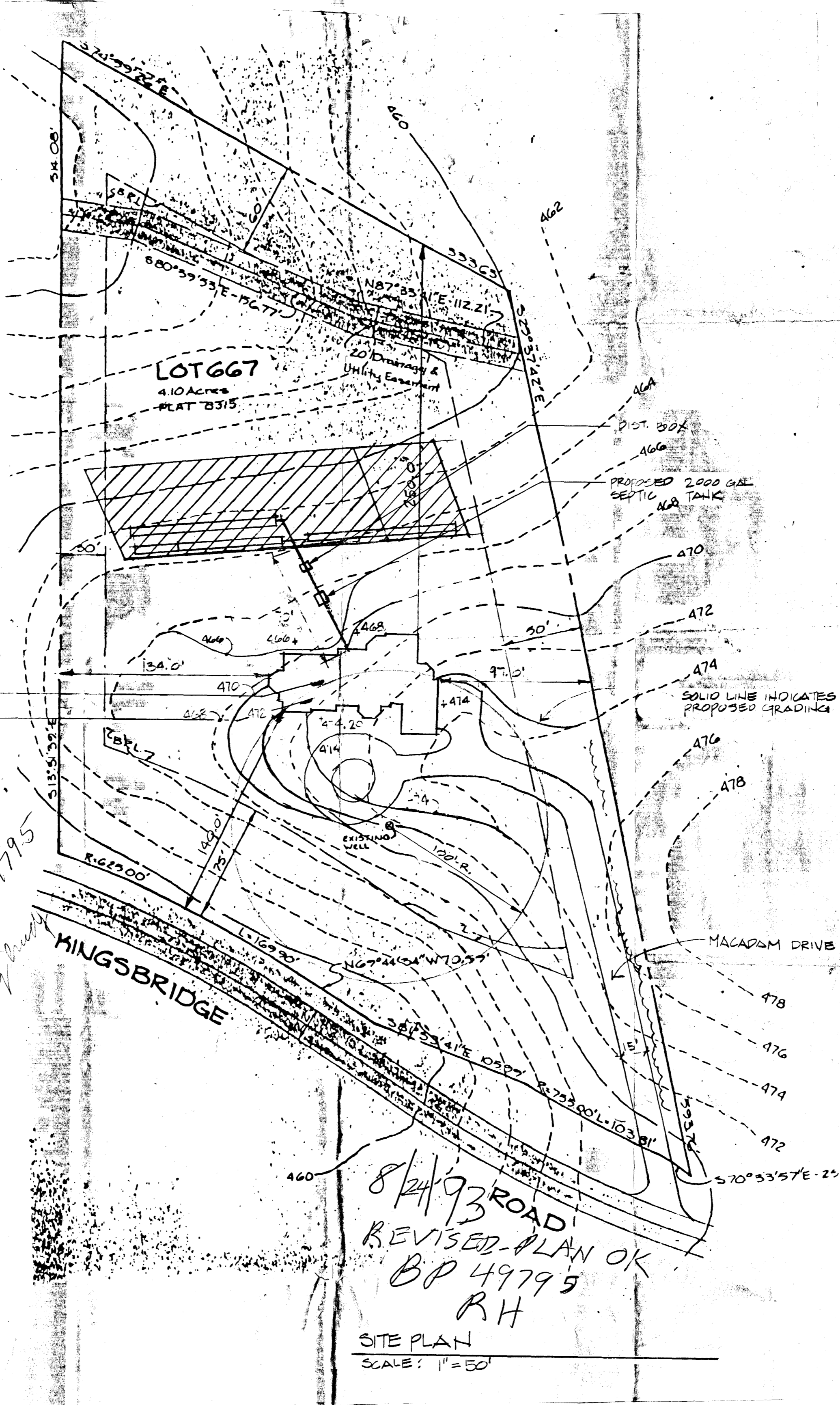
ALSO PRESENT Bill, Rocky, Jeff

BURLEIGH MANOR

BASEMENT ELEV	467.166
INV. OUT OF HOUSE	465.166
INV. INTO TANK	464.455
GRADE @ TANK	466.00
INV. OUT OF TANK	464.436
INV. INTO DIST. BOX	463.572
INV. OUT OF DIST. BOX	463.422
INV. @ TRENCHES	461.20
GRADE @ TRENCHES	464.00

BASEMENT ELEV. = 467.166'
 FIRST FLOOR ELEV. = 477.634'

BP 49795
 1043
 Perry



BID SET
 NOT FOR CONSTRUCTION

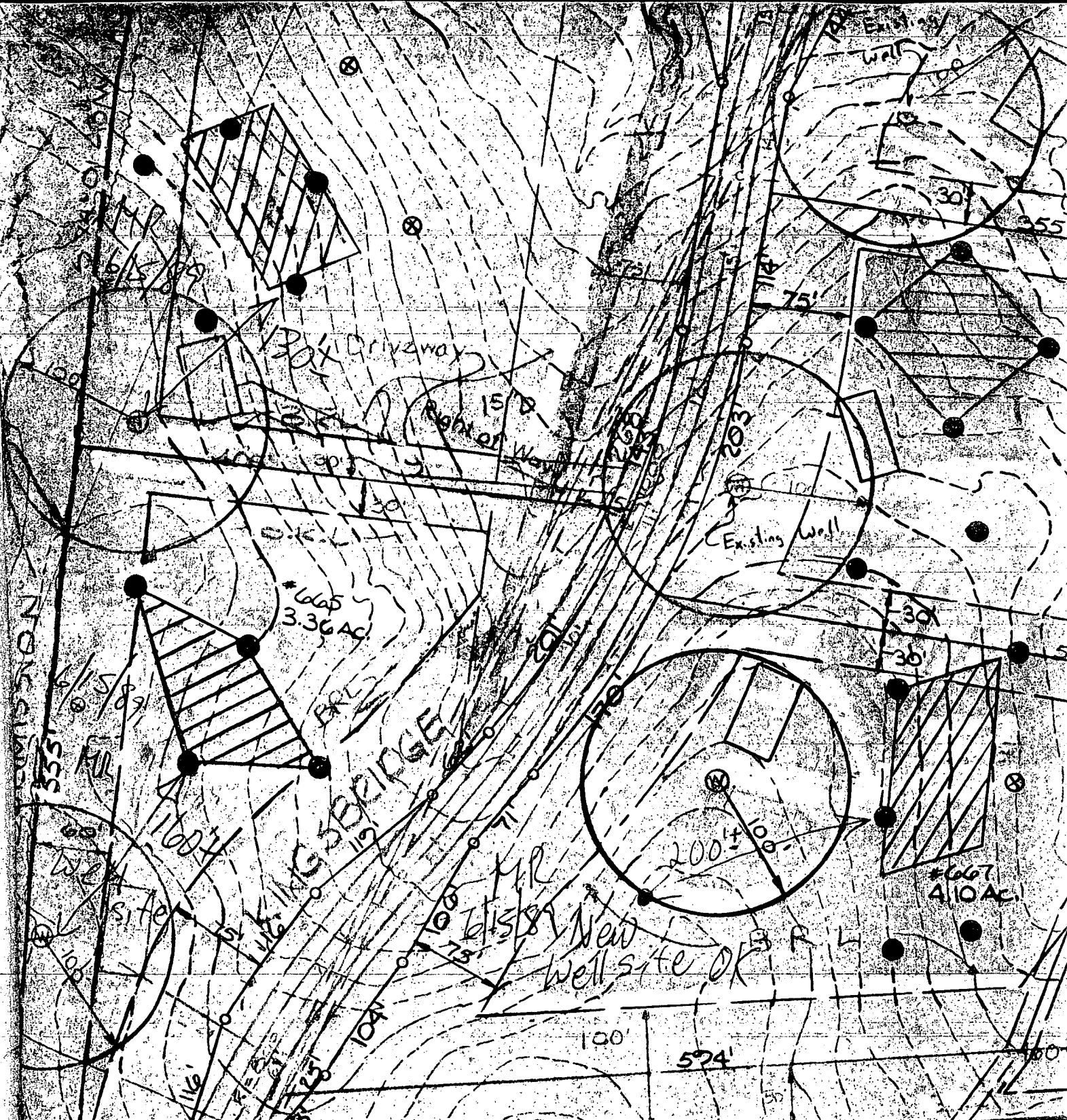
PROPOSED RESIDENCE FOR
MR. & MRS. VINOD MALHOTRA
 THE PRESERVE AT BURLEIGH MANOR

JNA DESIGN
 7416 Le Sada Dr., IC
 Baltimore, Md 21244
 (410) 944-7150

ARCHITECTURAL DESIGN

8-20-93

DATE	8-20-93
PROJECT TITLE	ITE PLAN
DATE	7-13-93
DATE	49795



R-ZONING
 R-20 ZONING

S 25° 37' 42" E 20.83'

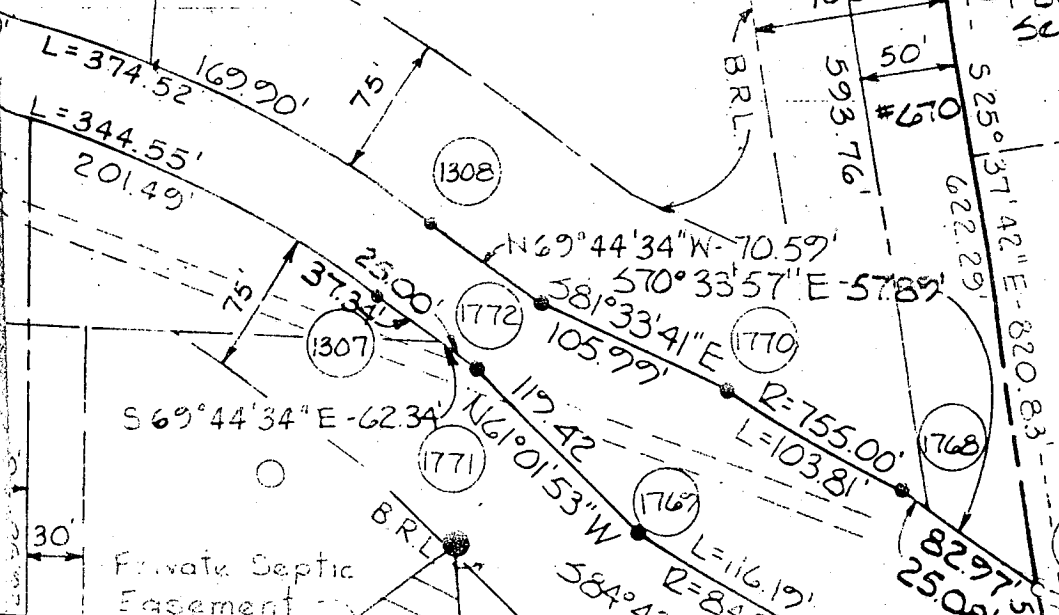
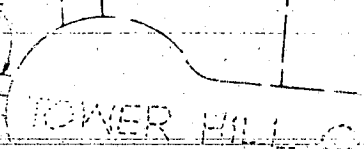
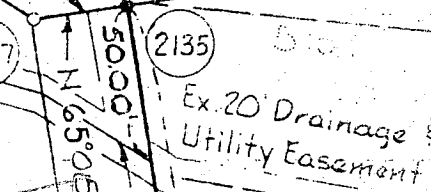
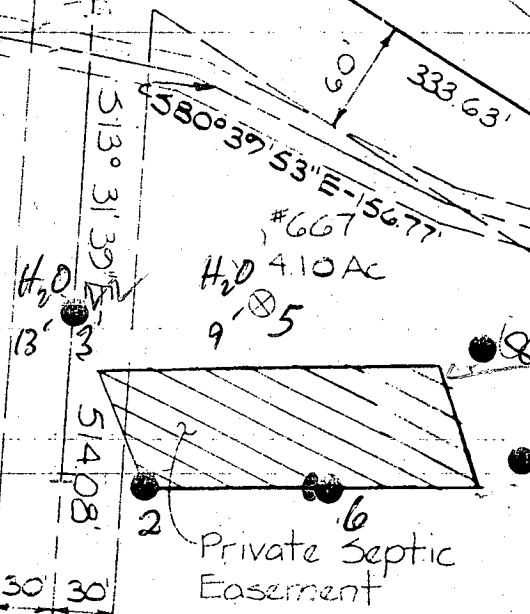
LIMIT OF

OWNER AND DEVELOPER
 ERALD M. KATZ, TRUSTEE
 SCHARDT & ASSOCIATES

Burling Manor
Section 3 Area 4
Plot 7979

H LINE SHEET 9 OF 9
74° 59' 26" E - 758.63'
425.00'

N 519,000
E 837,000



For Continuation of Lot # 67
See Sheet 9 of 9

OPEN SPACE
LOT 413

Burling Manor
Section 3 Area
Plot 7975

C1 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A 4116.4

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 09/11/88

Depth of Well 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-0776

OWNER: Greenbaum & Assoc last name Kinniskridge first name TOWN Ellicott City SUBDIVISION BURLINGHAM MANOR SECTION LOT 667

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND SILT, Clay thin rock.

GROUTING RECORD WELL HAS BEEN GROUTED. (Circle Appropriate Box) TYPE OF GROUTING MATERIAL

CEMENT BENTONITE CLAY BC NO. OF BAGS 15 NO. OF POUNDS 1410 GALLONS OF WATER 70 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 35 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE SH Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 62

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) 110 120 185. SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

CIRCLE APPROPRIATE LETTER 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 IDENT. NO. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

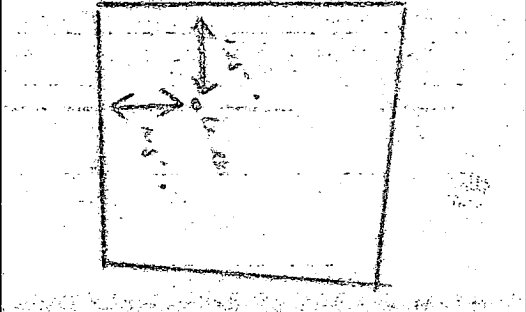
C3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 205 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 15 WHEN PUMPING 70 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (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)



HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive.
Ellicott City, MD 21043
~~461-9933~~ 312-2400

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # -0-
Date 3/18/94

Name of Installer FIRESIDE PLUMBING INC.

Telephone 301-621-4009

License Number state 20088 Thomas Eckert

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner MR. VINOD MALHOTRA

Telephone 410-381-9087

Subdivision RESERVE AT BURLEIGH Lot # 667 Well Tag # HO-88-0776

Site Address _____

Pump

- Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible _____
- Make _____
- Model # _____
- Capacity _____ GPM
- Pump exceeds well capacity Yes _____ No _____
- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other TCPE

Motor

- Horsepower 1/2
- RPM _____
- Voltage _____
a. 110 _____
b. 220

Pitless Adapter

- Make _____
- Model # _____
- Depth _____

Tank

- Capacity 100 gallon
- Pressure relief valve?

Piping

- Type Plastic
- Size 1/4"
- NSF and/or BOCA Code approved _____
- Depth of supply line 165'

Well data

- Depth 195' ft.
- Yield 15 GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? _____

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: [Signature]

Date: 3/18/94

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