

10/16/99
2:30
10/19/99
CO 2:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-327779

P 512039
A 56430M
~~56429-BD~~

DISTRICT _____

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

DATE 7-29-99

DATE SYSTEM APPROVED 10/19/99

INSPECTOR M. R. F. Kin

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER _____

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-4197

SUBDIVISION Gaither Hunt LOT 62 ROAD 11074 Dorsch Farm Road

PROPERTY OWNER NV Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Begin trenches 135 feet up the right (342.22') lot line and 10 feet off that same lot line as seen when facing the lot from Dorsch Farm Road. Run trenches on contour toward the left (359.18') 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 7/13/99 DCS*

Real Contours drop OFF! OK to use short segments of pipe (50-60' long trenches). Start inlet @ 5' deep (7'6" near Inlet Box and grade to inlet @ 4'-4 1/2' at other end. This should maximize use of upper portion of SDA. HRP 10/18/99

PLANS APPROVED BY Amy McMillen DATE 6-24-1999

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)

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

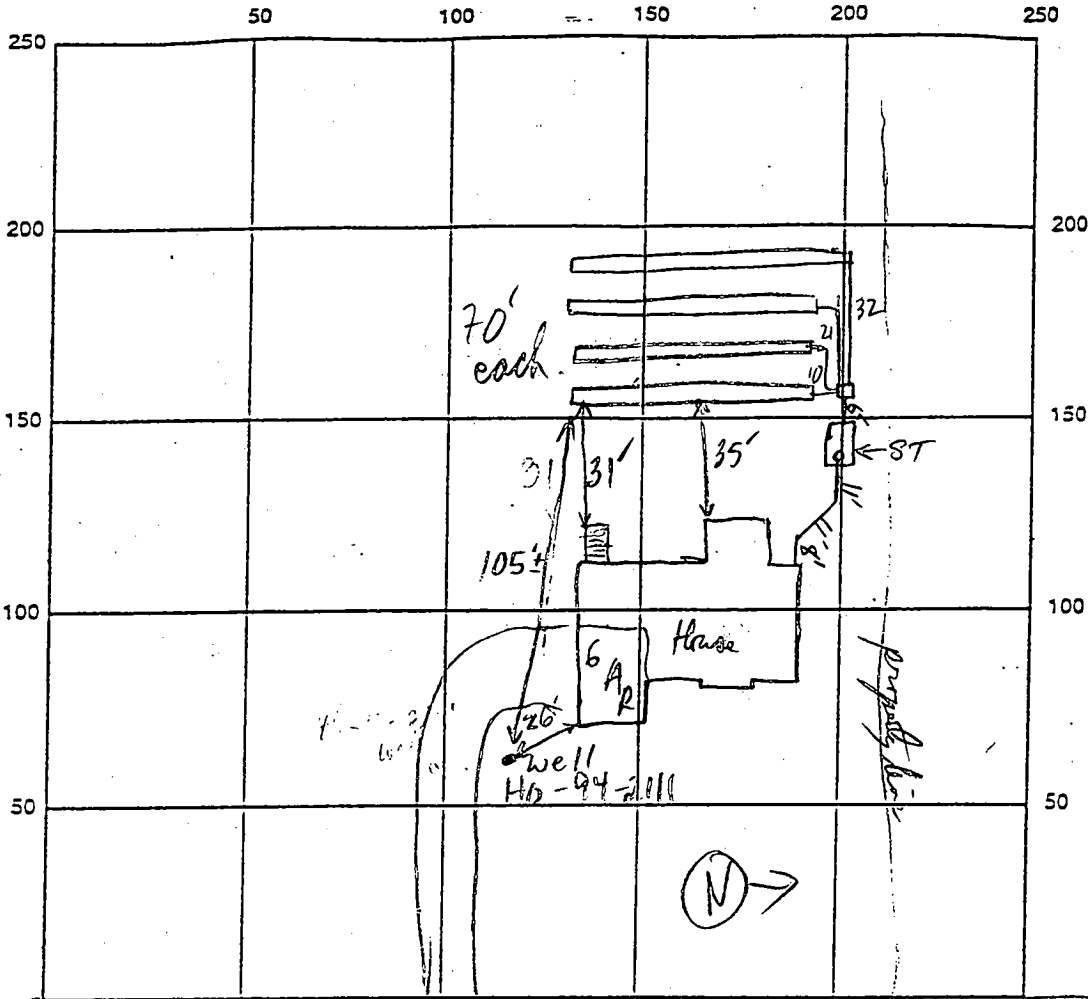
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

56430M

NOT TO SCALE



Dorsch Farm Rd INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 Top Sealed one chamber CLEANOUTS S.T. ✓

DISTRIBUTION BOX LEVEL OK! - BAFFLE IN

DRAIN FIELD/TILE DEPTH 7 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 280 FT.

NUMBER OF TRENCHES 4 ONE-SIDEWALL/BOTTOM AREA 840 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: OK! Over S.T. to House Connection to this house. See Modified Trench Design other side.

10/19/99 OK TO FINISH & COVER (MR)

DATE SYSTEM APPROVED 10/19/99

INSPECTOR M. Riskin

APPLICATION

PERCOLATION TESTING

A 56429

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 3/27/96

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER J-Thomas Scrivener NV HOMES

ADDRESS c/o Land Design & Development PHONE 410 740 5176

AGENT OR PROSPECTIVE BUYER Donald R. Reuwer Jr

ADDRESS 10805 Hickory Ridge Rd - PHONE _____
21044

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 29-88-62V

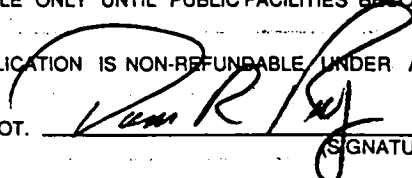
ROAD AND DESCRIPTION 11074 Dorsch Farm Road

~~OLD PERMIT SIGNED~~
~~AND RETURNED 6-24-99~~
Serial # B1011712

TAX MAP 29 PARCEL # 21

SIZE OF LOT 1+ Acres TYPE BLDG. SFD - Lot 4
(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 _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

56429

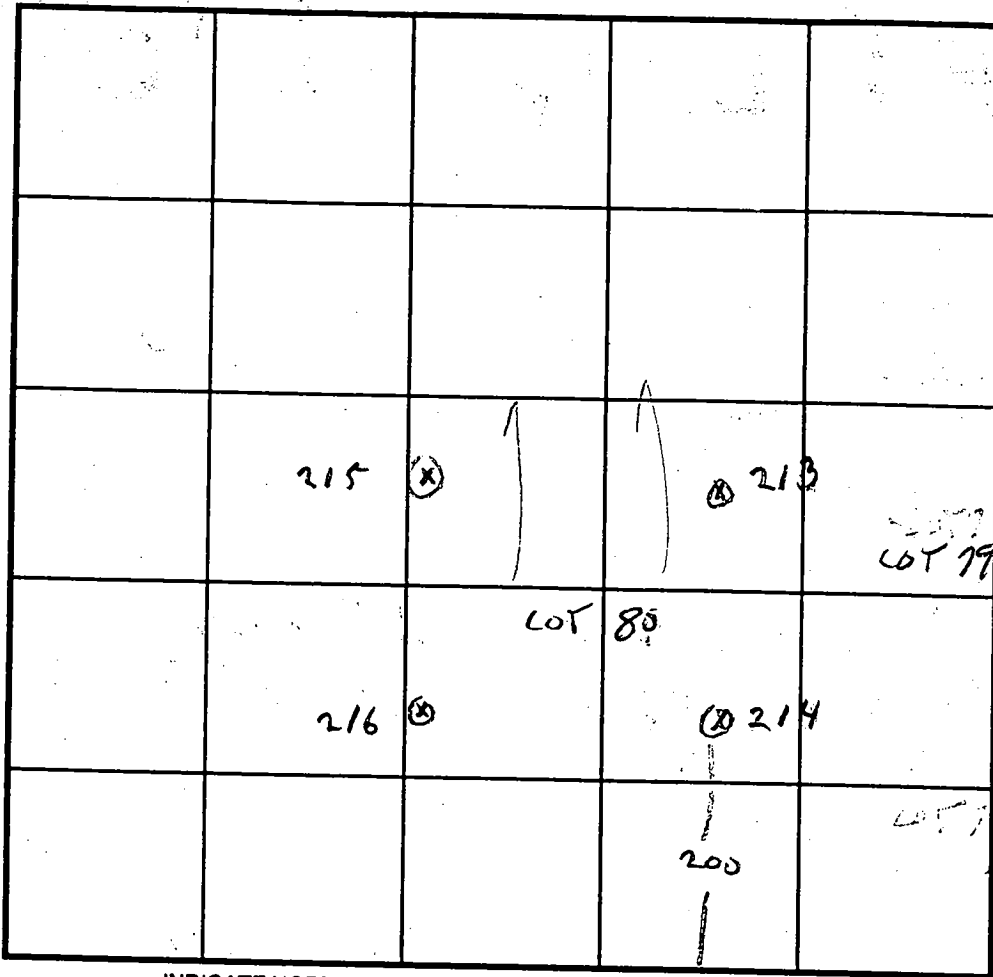
COUNTY #

SOIL PROFILE

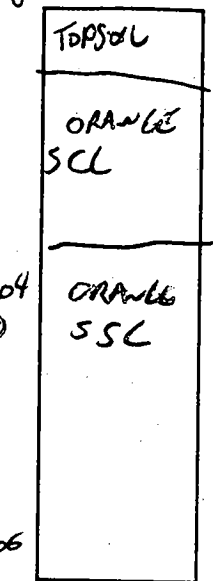
0' [Empty box for soil profile]

[Empty box for soil profile]

[Empty box for soil profile]



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DIRT ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-27-96	214	4' 6"	3:17	3:21	3:21	3:30	9 MW
	213	4' 6"	3:17	3:19	3:19	3:25	6 MW
	216		3:28	3:38	3:38		
	215		3:28	3:31	3:31	3:36	5 MW
WELLS BE 15' FROM FRONT							
LOT LINE 65' EW 4-21-97							

REMARKS Lot 80. 6/22

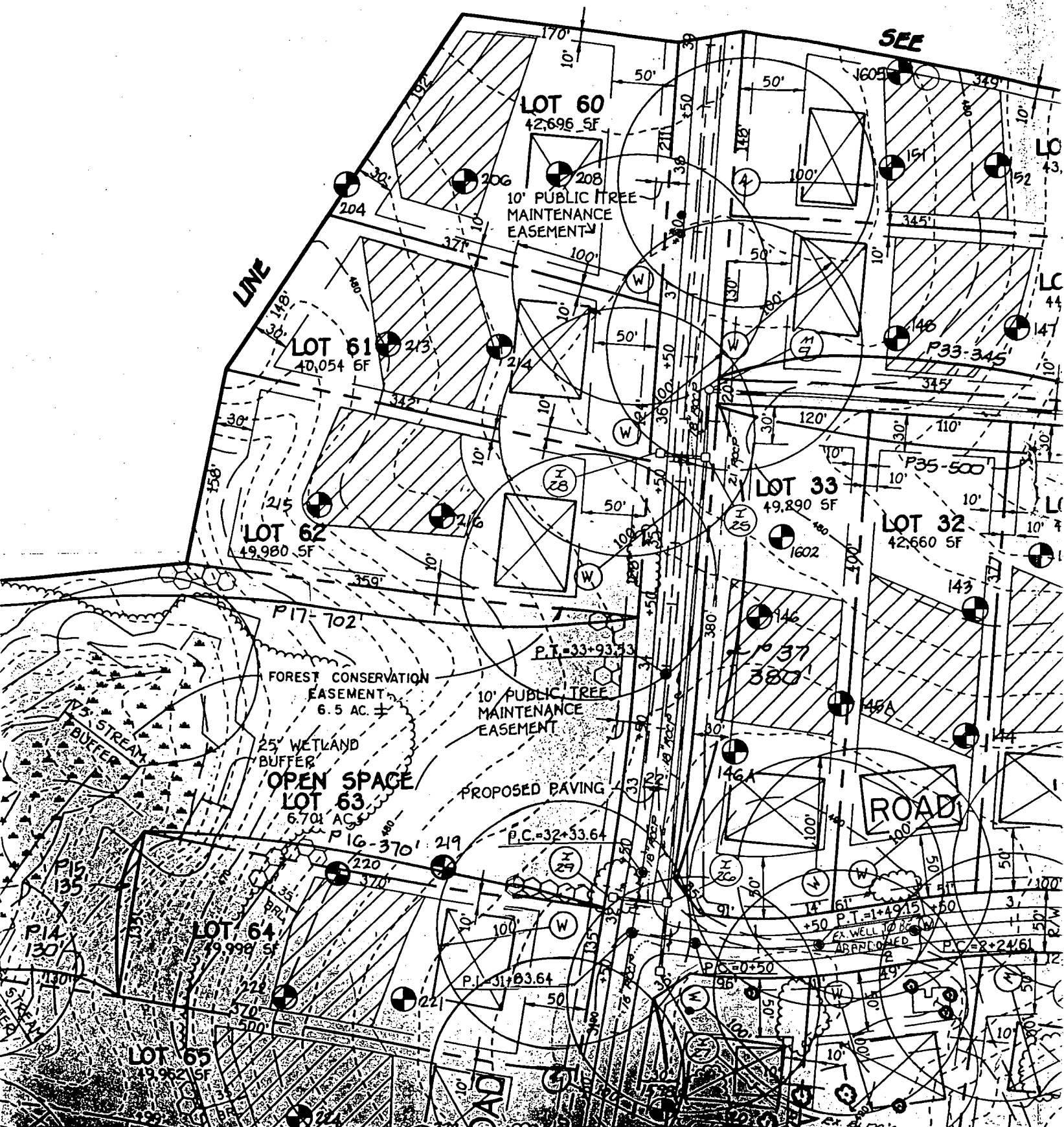
TYPE OF SOIL _____

TESTED BY G. SAVAGE ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

P-97-08





HOWARD COUNTY HEALTH DEPARTMENT

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

October 22, 1999

MEMORANDUM

TO: Pat Inman
c/o NV Homes
2200 Defense Highway
Suite 301
Crofton, MD 21114

FROM: Mark Rifkin *MR*
Water and Sewerage Program

RE: Gaither Hunt, Lot 62
11074 Dorsch Farm Road

This is a confirmation of our discussion of several weeks ago regarding the separation distance between the well and the driveway at the referenced property.

It was agreed that if a minimum separation distance of ten feet could not be provided, then concrete bollards or another physical barrier would be required. Such a structure should be of appropriate construction and location to prevent vehicles from impacting the well.

Such a structure should also be installed prior to a request to inspect the pitless adaptor/well line, so that both the barrier and well line can be inspected at the same time. Confirmation of the barrier installation will be a prerequisite to a recommendation for Use and Occupancy approval.

MR



September 2, 1999

Craig Williams
Bureau of Environmental Health
3525 H Ellicott Mills Drive
Ellicott City, MD 21043-4544

Dear Mr. Williams:

I'm writing to request a letter from your department expressing your acceptance of the location of the home under construction on Lot 62 in Gaither Hunt (11074 Dorsch Farm Road). As the result of an engineering oversight, which incorrectly showed the well being further away from the foundation than in actuality, the home was sited and constructed exactly 26 feet from the well casing instead of the required 30 ft. This oversight will have no bearing on the future homes under construction in the community. These will have the required minimum of 30 ft between the structure and the well.

Sincerely,

Pat Inman

Pat Inman
NVHomes
Production Supervisor

PAT
ACCEPTED DUE TO
MINIMAL INFRINGEMENT
HOWEVER PLEASE BE ADVISED
THAT THERE IS NO REGULATORY "GRACE"
FOR SUCH AN INFRINGEMENT
AND IT IS NOT LIKELY TO BE
GRANTED ON FUTURE OCCASSIONS.

9/20/99
Craig Williams
Bureau of Environmental Health

1999 SEP 20 PM 3:36

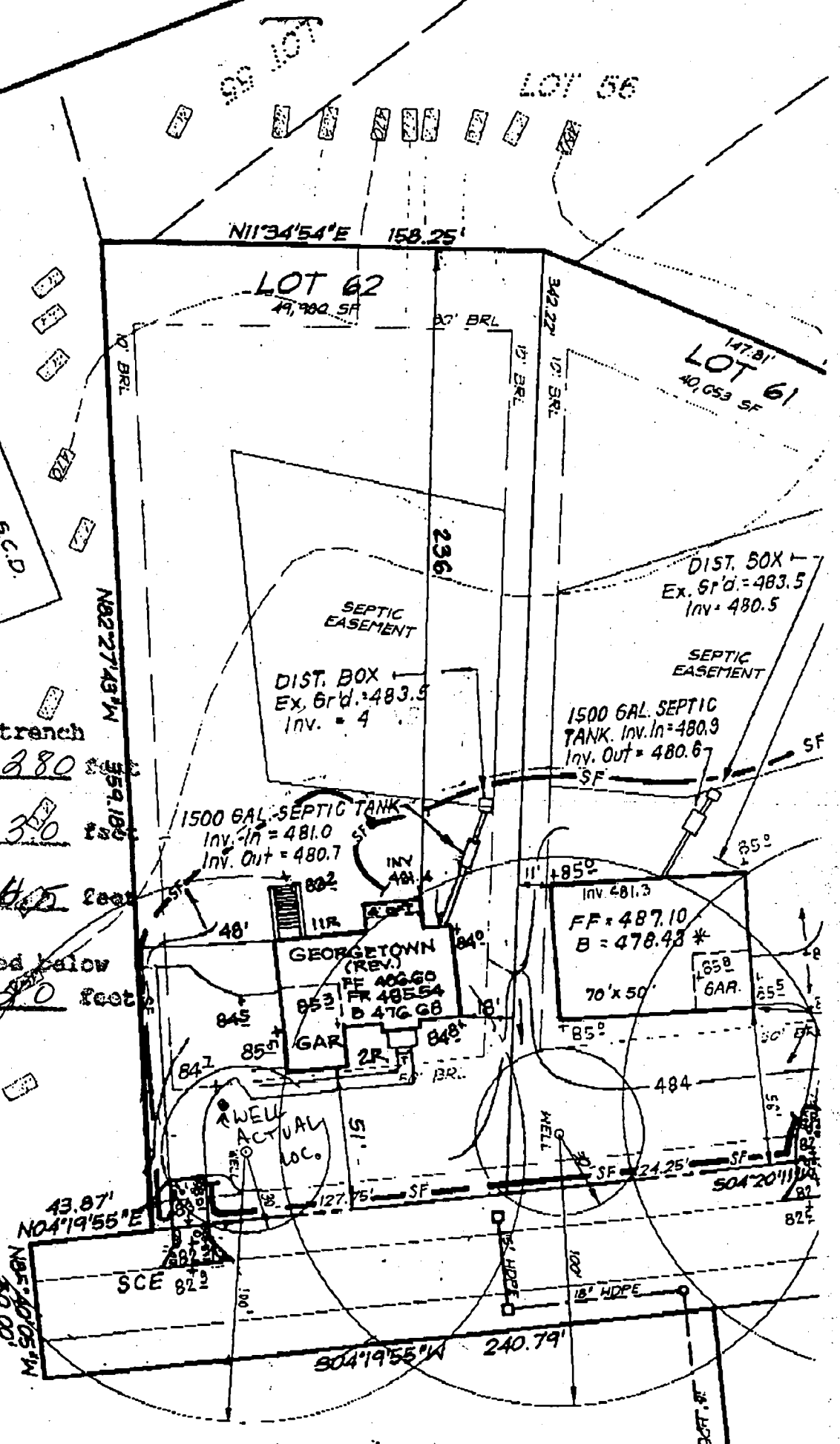
Post/Fax Note	7671	Date	4-2-99	Page #	1
To	WAYNE FLACK	From	JOE ECKER		
Co/Dept	N.V. GEORGETOWN	Co.	CFS		
Phone #	SAHMER	Phone #			
Fax #	LOT 62	Fax #			

Howard
S.C.D.
Approved for Technical Requirements
11/19/99
Date Service

APPROVED
3' SEDIMENT
AND SOIL
AROUND
TRENCH

linear feet of trench required 280
 of trench(es) 300
 of trench(es) 600
 of stone required below
 distribution pipe 0 feet

Handwritten notes and signatures:
 6/24/99
 SCE 822
 50.00'
 M. 50.00'
 50.00'



C1 9895 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED 06/24/99 OK ADU COUNTY NUMBER A56429BB

ST/CO USE ONLY. DATE RECEIVED 0622 99 DATE WELL COMPLETED 6-16-99 Depth of Well 200 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2111

OWNER BUSSETT DAU. LLC STREET OR RFD Deisch Farm Rd TOWN ELlicott City SUBDIVISION Gaither Hunt SECTION I LOT 62

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Brown sand-stone, Broken Flint, HARD GRAY Granite.

GROUTING RECORD form including fields for GROUTING MATERIAL (CM, BC), NO. OF BAGS (11), NO. OF POUNDS (1034), GALLONS OF WATER (6), DEPTH OF GROUT SEAL (42).

CASING RECORD form including MAIN CASING TYPE (ST), Nominal diameter (06), Total depth (42).

OTHER CASING (if used) form with diameter and depth fields.

SCREEN RECORD form including screen type (ST, BR, HO) and diameter of screen (42).

PUMPING TEST form including HOURS PUMPED (3), PUMPING RATE (10), WATER LEVEL (25), TYPE OF PUMP USED (S - submersible).

PUMP INSTALLED form including DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED (29), CAPACITY (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47).

WELL HYDROFRACTURED form with YES/NO options.

CIRCLE APPROPRIATE LETTER form with options A, E, P.

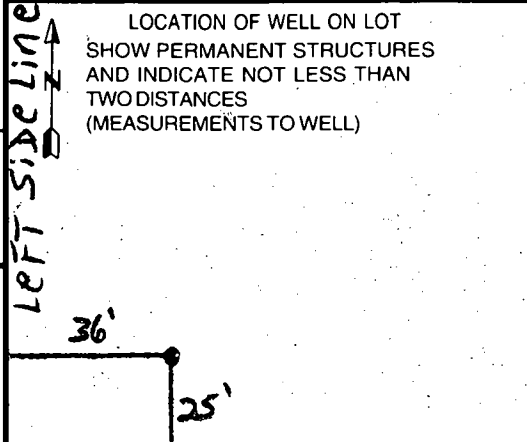
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. M4D 355 DRILLERS SIGNATURE Max B. Jones LIC. NO. JW D 341

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

DEPTH (nearest ft.) table with rows for casing sections and slot size/diameter of screen.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) form including TELESCOPE CASING, LOG INDICATOR, OTHER DATA.



B 1 5153

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2111 fill in this form completely

Date Received (APA) 01 26 99

OWNER INFORMATION

Russell Development LLC 8808 Centre Park Dr. Suite 209 Columbia MD 21045

B 3 LOCATION OF WELL

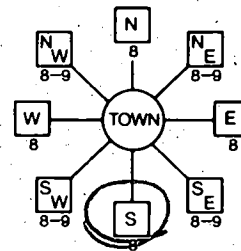
Howard County Gaither Hunt Ellicott City 4 miles from town

DRILLER INFORMATION

MICHAEL BARLOW MWD355 MICHAEL BARLOW Well Drilling Sue Inc 912 FAWN CT Joppa, MD 21085

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



DORSCH Farm Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 25 FT

B 2 WELL INFORMATION APPROX. PUMPING RATE 5 APPROX. PUMPING RATE (GAL. PER MIN.) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation (circled) Farming (Livestock Watering & Agricultural Irrigation) Industrial, Commercial, Dewatering Public Water Supply Well Test, Observation, Monitoring Geo-Thermal

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO A56429BB COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 02/19/99 A McMill 02/11/00

APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary AIR-PERCussion (circled) ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT

REPLACEMENT OR DEEPEMED 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 DEEPEAN AN EXISTING WELL

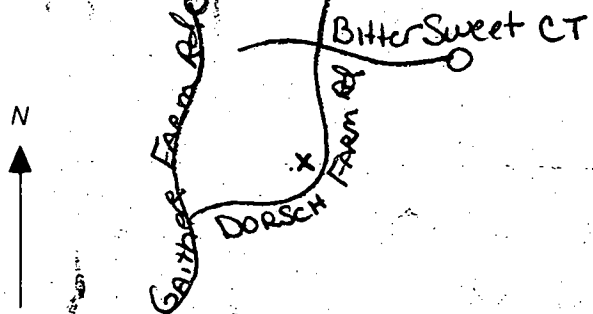
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 830 N 515

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-94-2111

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

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

FAX: 313-2648 PHONE: 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 10/30/99

Name of Installer ROBERT L. FREEZER CO. INC.

Telephone 410-781-4655

License Number 2122-

Certified Well Pump Installer Well Driller _____ Registered Plumber

Name of Property Owner N.V. HOMES

Telephone 410-721-4703

Subdivision CATHERINE HEART Lot # 62

Well Tag # HO-94-2111

Site Address 11074 DUCKHORN FARM ROAD

Pump

- 1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible

Motor

- 1. Horsepower 1/2
- 2. RPM 3450
- 3. Voltage _____
 - a. 110 _____
 - b. 220

Pitless Adapter

- 1. Make HAELVAND
- 2. Model # PT800
- 3. Depth 42"

2. Make ELCOT DOWLING

3. Model # 4F07507301

4. Capacity 7 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 _____

Tank W/205

1. Capacity 36 Gall.

2. Pressure relief valve? YES

Piping

- 1. Type Poly
- 2. Size 1"
- 3. NSF and/or BOCA Code approved YES
- 4. Depth of supply line 42"

Well data

- 1. Depth 200 ft.
- 2. Yield _____ GPM
- 3. Static water level _____ ft.
- 4. Will water supply be disinfected by installer? YES

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.

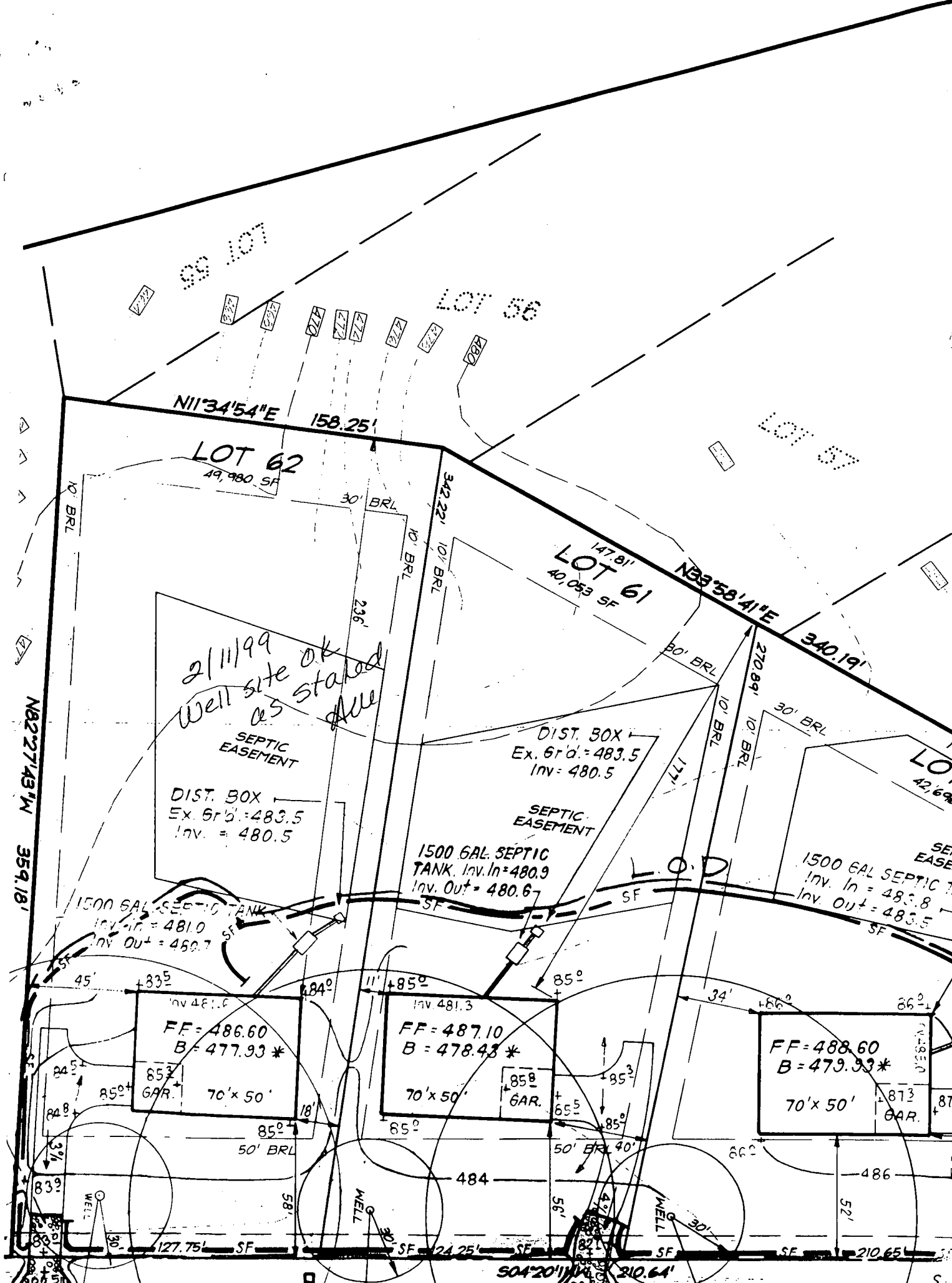
Inspected? _____

Signature of Applicant _____

Date: _____

10/30/99

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



WELL IS 25' TO
GARAGE AS CORRECTED
ON BP SITE PLAN
AND AS REPORTED BY
PAT INMAN; PAT COMMITTED
TO PROVIDE 10' TO DRIVE;
SAN ADVISED HIM, AT
WORST CASE, IF 10' NOT
PROVIDED @ TIME OF SEPTIC
WSR, THEN PHYSICAL STRUCTURE
(BOLLARD, ETC.) WOULD BE
REQUIRED

MR

this pm

HOWARD COUNTY HEALTH DEPARTMENT
REQUEST FOR SEPTIC PERMIT ISSUANCE

=====

Date of septic permit request: _____ Date of septic permit issuance: _____

=====

INSTALLER

Company Name SK Backhoe Phone Number _____

& Septic Service 1220 FSR Hwy Keymar
===== 21757

PROPERTY IDENTIFICATION

Subdivision Woodfords Grant, II Lot # 3

Street Address 11407 Barley Field Way
