

Tax ID - 04-345940

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 46844

A 37737

DISTRICT 4th

DATE 2/26/91

DATE SYSTEM APPROVED 2/26/91

INSPECTOR J. Buags

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

### INDEXED

**INDEX TIME EXPIRED FOR FCOP COMPLIANCE**  
**2/28/94 - C. Williams/DSC**

461-9933

Olen Ketterman IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION The Southern Station LOT 2 ROAD 800 The Old Station Court  
*Morgan Station Rd*

PROPERTY OWNER Barry E. O'Keefe *Paul Chastine Mitchell*

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 3

215 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 162

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 150 feet from the front lot line and 100 feet from the right side of the lot as seen when facing the lot from Morgan Station Road. Run the trenches toward both sidelines.

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

PLANS APPROVED BY Raymond Hodges DATE 12/28/89

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

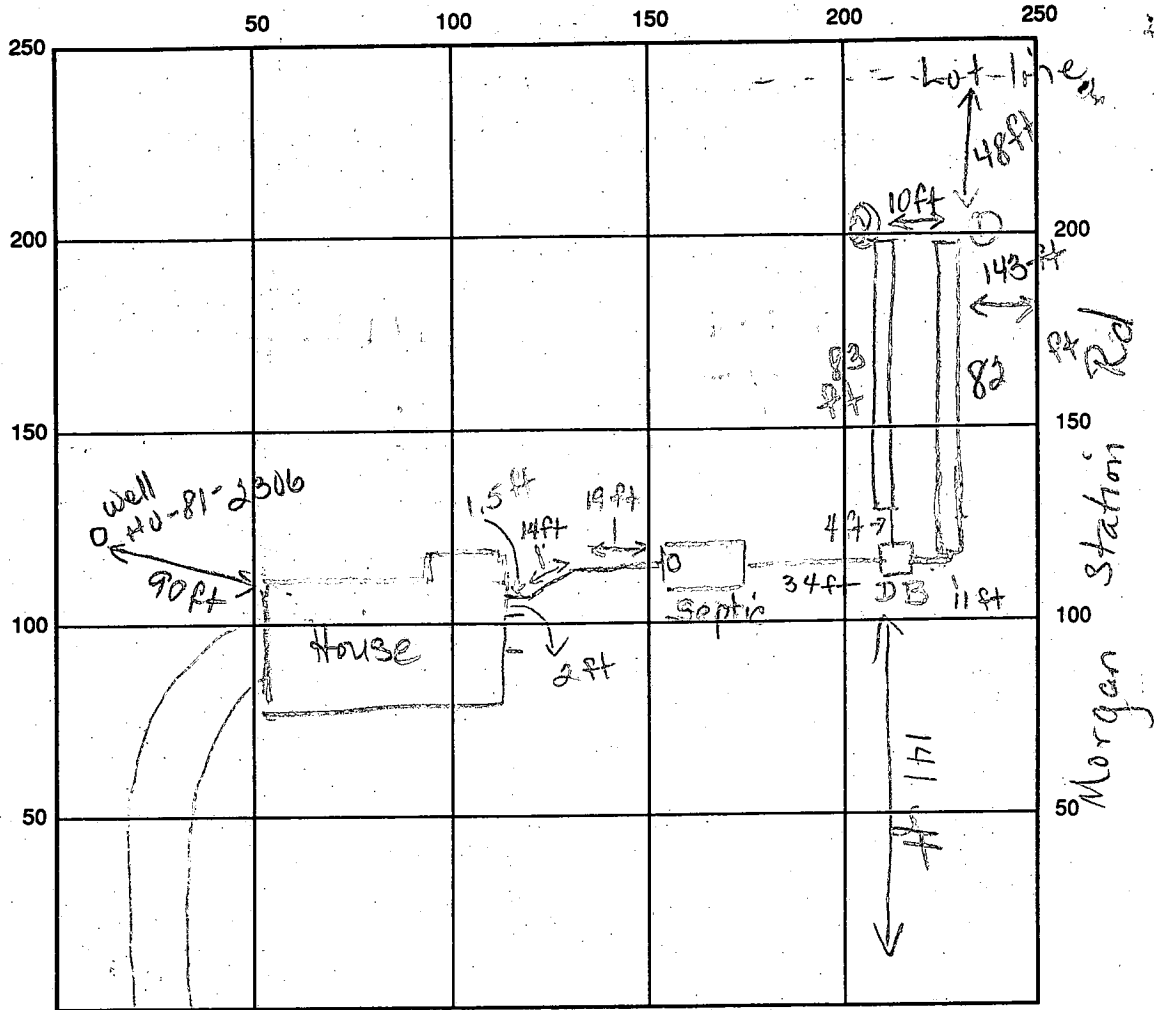
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED  
AND RETURNED 10/24/93  
*Serial # 57075*  
*Storage Shed*

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

A  
37737



INDICATE NORTH, NAME ADJOINING ROADWAY AS BASE LINE

Old Station Court

SEPTIC TANK LEVEL ✓ OK CLEANOUTS CO on septic Tank

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 29 1/2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 165 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 1060 SQ. FT.

DRYWALL INSIDE DIAMETER 4 FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 2/25/91 pm Both trenches dug according to specs.  
No baffle in distribution box, Both tanks sealed, Pipe near  
to house not installed; therefore no CO there. Paper in 1/2 2nd  
trench. D. Buggs  
2/26/91 am Final inspection, Outlet pipe at house OK,  
OK to complete backfill

DATE SYSTEM APPROVED 2/26/91 INSPECTOR D. Buggs

# APPLICATION

PERCOLATION TESTING

A 37737

P \_\_\_\_\_

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

DISTRICT 4

DATE 10/1/86

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.

681-9543 (Home)  
230-6169 (Work)

PROPERTY OWNER Roy W. Crum + Wife Barry E. O'Keefe - Diversified Homes 381-7500

ADDRESS 791 Morgan Station Rd PHONE 489-4995

PROSPECTIVE BUYER Hemphill Partnership

ADDRESS 10176 Balto National Pike Suite 210 PHONE 465-5855

PROPERTY LOCATION: THE SOUTHERN STATION LOT 2 Peace Court.

SUBDIVISION Crum Property LOT NO. 2

ROAD AND DESCRIPTION the old station court

75 MORGAN STATION ROAD - 2625 NORTH OF OLD

FREDERICK ROAD

TAX MAP 3 PARCEL # 9 BLDG. PERMIT SIGNED AND RETURNED 4/9/90 Serial # 29653-3T-D

SIZE OF LOT 3 AC. (260' x 500') TYPE BLDG. SF. (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.

APPROVED BY Raymond Dodge FOR Trencher DATE 12/22/87 (SIGNATURE OF APPLICANT)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

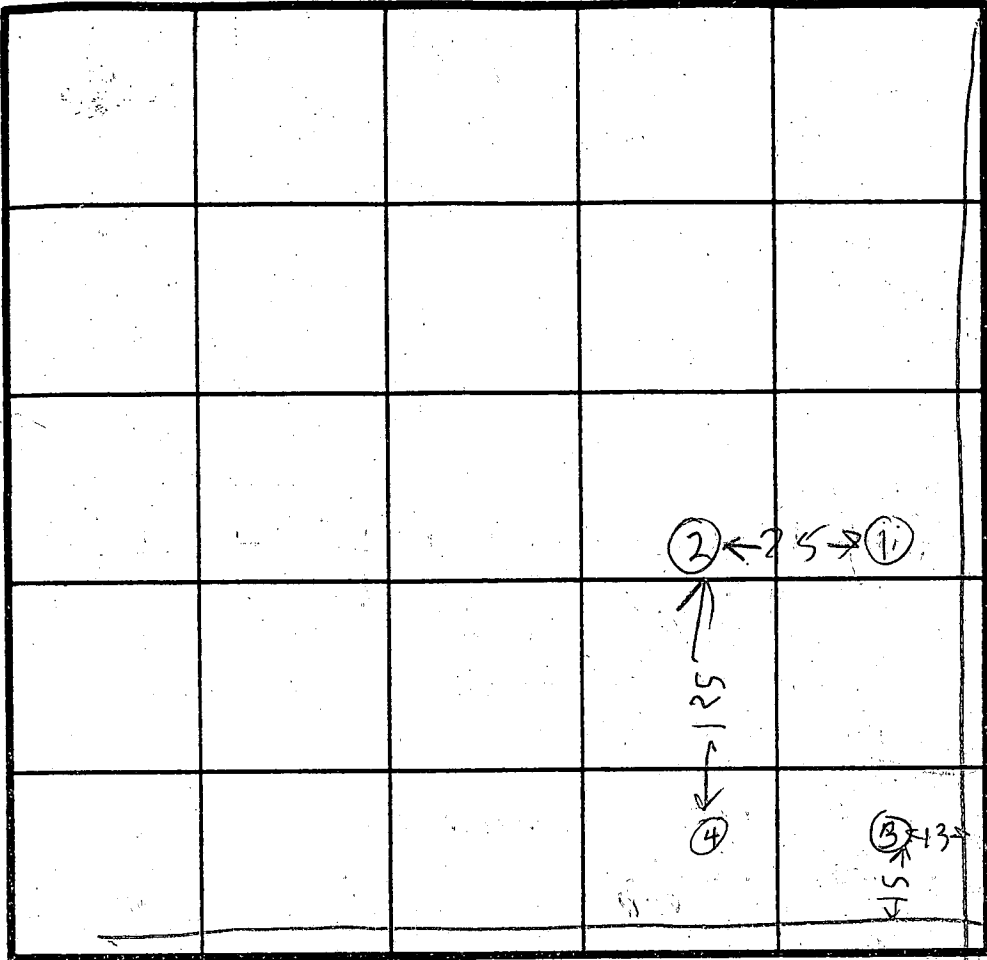
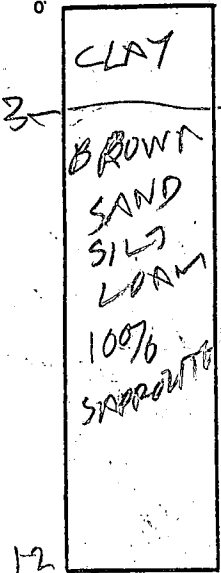
REASONS FOR REJECTION OR HOLDING 10/3/86 PERC OK Hold for Part RIT  
12/22/87 Specs Written & Final Plat has been signed RIT  
BLDG. PERMIT SIGNED AND RETURNED 2/14/89 BLDG. PERMIT SIGNED AND RETURNED 4/6/88  
Serial # BP23544 (BPT 7505 Jm)

# THIS IS NOT A PERMIT

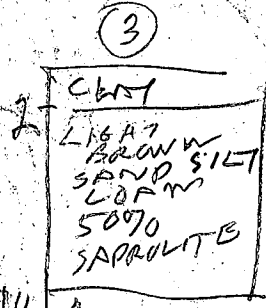
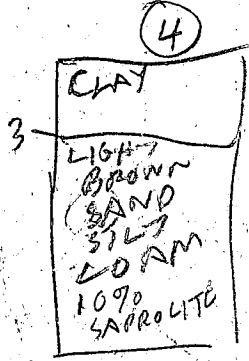
LOT 4

LOT 4

(1)(2)  
SOIL PROFILE



HOLE ELEVATION  
HIGH (1)(2)  
LOW (3)(4)  
215  
~~250~~ 18K  
INLET 4'  
BOTTOM 7-8



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/2/86	1S	4	1105	1110	1118	1134	16
	1V	12	OK				
	2S	3.5	1108	1117	1117	1130	13
	2V	8.5	1108	1112	1112	1130	18
	2V	12	OK				
	3S	3	1113	1113 1/2	1113 1/2	114	12
	3	10	LOOKS	TOO FAST			
	4S	3.5	1119	1140	1140	1200	20
10/9/86	4V	12	OK				
	3M	4.5	213	225	225	254	29
				13	3		

av  
Time  
21 min  
max  
depth  
3 FT

EH-12-1079

REMARKS Holes Dug Per Surveyor Stake But None Holes not shown on Test Plat  
 TYPE OF SOIL No property stakes seen  
 TESTED BY R. HODGES ALSO PRESENT 3 Retainers

B 7 5714 SEQUENCE NO. (OEP USE ONLY)  
THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

STATE OF MARYLAND PERMIT-TO DRILL WELL please print or type

OEP PERMIT NUMBER  
NO-81-2300  
fill in this form completely

Date Received 090387  
OWNER INFORMATION  
HEMPHILL E ASSOC  
J C I 26 0 4 4 M A T L A I K A  
ELLICOTT CITY MD 21043

B 3 LOCATION OF WELL  
HOWARD COUNTY  
THE SOUTHERN STATICA  
SECTION 44 46 LOT 48 50  
WOODBRINE  
MILES FROM TOWN 2 MI

DRILLER INFORMATION  
Ralph Mayne 223  
Ralph Mayne (well drill) 1061  
9120 Brown Church Rd. Mt. Airy  
Thigh Mayne 8/31/87

B 4 MORGAN STATION RD.  
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD 400 FT

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) 5  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
COUNTY NAME HOWARD COUNTY NO. A 37797  
OEP SIGNATURE B. Nylon DATE ISSUED 03/18/88  
NORTH GRID 552000 EAST GRID 0786000

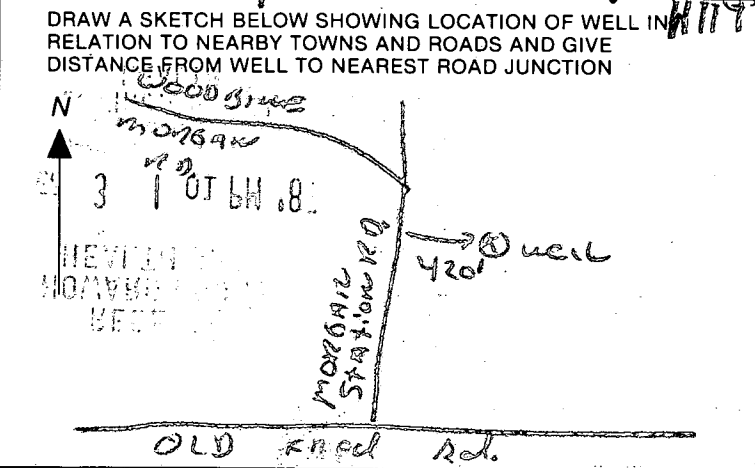
APPROXIMATE DEPTH OF WELL 150 FEET

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

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  
N 5502 E 2806  
9/29/87 Location OK  
60' casing 15' above  
48' open  
= 9 bags cement  
H2O sample taken

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  
D THIS WELL WILL DEEPEAN AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)  
APPROX. PERMIT NUMBER GAP  
FORCE Ba PERMIT NO. NO-81-2300

SPECIAL CONDITIONS

C1 1907 SEQUENCE NO. (OEP USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 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 A 37737

DATE RECEIVED

DATE WELL COMPLETED 092987

DEPTH OF WELL 205 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-81-2306

OWNER ASSOCIATES HEMPHILL STREET OR RFD MORGAN STATION ROAD TOWN WOODBINE SUBDIVISION THE SOUTHERN STATION SECTION LOT 2

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Top Soil, Brown Shale, Blue Slate, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 9, NO. OF POUNDS 900.

CASING RECORD: casing types insert appropriate code below (PL), MAIN CASING TYPE (PL), Nominal diameter 6, Total depth of main casing 60.

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

SCREEN RECORD: screen type or open hole (HO), insert appropriate code below (HO), DEPTH (nearest ft.) 58.

SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN (NEAREST INCH); GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

A CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

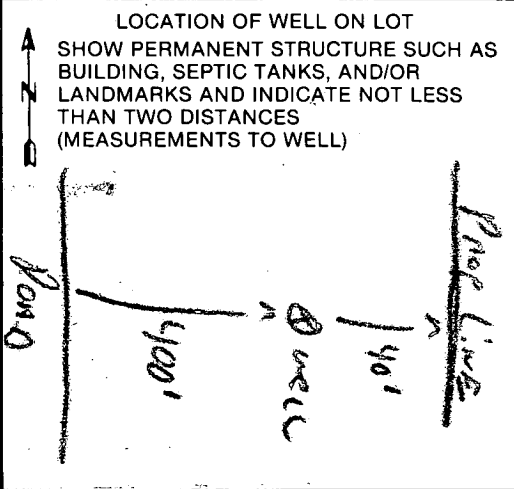
DRILLERS IDENT. NO. 273

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

PUMPING TEST: HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 6, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 33, WHEN PUMPING 40, TYPE OF PUMP USED (for test) S submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), 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) + above, - below, LAND SURFACE (nearest foot) 2.



December 25, 1989

Mr. Mark Rifkin  
Howard County Health Department  
Bureau of Environmental Health  
Unit H  
3525 Ellicott Mills Drive  
Ellicott City, Maryland 21043-4544

Dear Mr. Rifkin:

Enclosed you will find the corrected septic specifications for building permit # 29653. I have left the trenches as they were and stated trench length to be determined, as you agreed would be okay in our telephone conversation on Friday afternoon, December 15; since these trench locations were already deemed adequate by your office when approving the previous building permit on this lot, for the previous owner, Deversified Homes, earlier this year. As you requested, I have placed my name (and my wife Suu's name), address, and telephone number on the plans, since I drew them. I have also enclosed the original plan (the plan I first submitted) that Raymond Hodges wrote on with a green pencil. I have included on my corrected plans all elevations as requested. In case any elevations are not clearly apparent on my plans, I have listed them below:

Basement elevation = 556 ft.  
First floor elevation = 564 ft.  
Invert out of house = 562 ft. 6 in.  
Invert into septic tank = 561 ft. 5 in.  
Invert out of septic tank = 561 ft. 2 in.  
Exist grad. at septic tank = 565.2 ft.  
Invert into distribution box = 560 ft. 7 in.  
Exist grad. at distribution box = 564.9 ft.  
Invert into trench = 560 ft.  
Exist grad. at trench = 564 ft.

Number of Bedrooms = 4

*NEWER PERMIT SPECIFICATIONS*

If you require any additional information concerning these plans please call me directly.

Sincerely,

*Barry E. O'Keefe*

Barry E. O'Keefe  
801 Kerwin Road  
Silver Spring, Md. 20901  
301-681-9543 (Home)  
301-230-6169 (Work)

*215*

N.07°33'48"W

308.75'

N.12°42'20"

Note: Basement Will not Sewer by Gravity.

2  
3.055 AC.

60' BRL

60' BRL

R=508.19'  
A=218.62

2/14/89  
elwatinsk  
[Signature]

SDG PERMIT SIGNED  
AND RETURNED 2/14/89  
B# 23544  
SA

1500 Gal. Septic Tank  
Prop. El. Over Tank = 506.2  
Distribution Box  
Ex. Grd = 504.94  
Inv. EL = 560.94

(8) 2' Wide  
Trenches  
34' Long  
Min. 5' Apart  
All Trenches  
Min. 50'  
Each

AMBERLY  
ENT. 509.30  
LR 508.87  
B-560.42

BELHAVO  
FF=568.6  
FR=569.9  
B=560.8  
LR=560

N.78°59'27"W

N.76°37'26"W

57°43'01"W

630.00  
A=138.59

25'03"W

N.08°34'57"E

N.10°01'05"E

Land dedicated to Howard County, Md  
for purpose of public road. 03134 A

Edge of Existing P

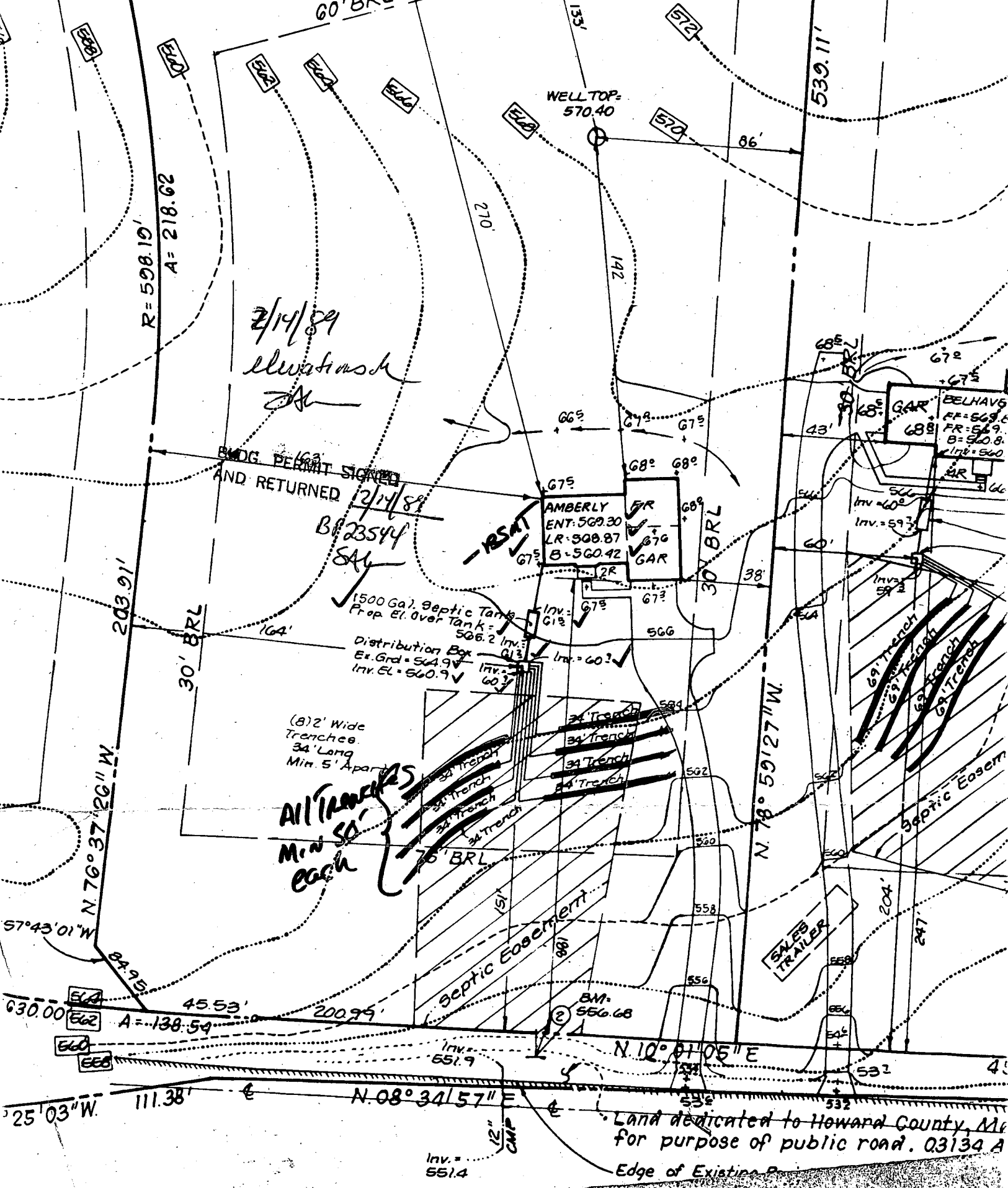
Inv. = 551.4

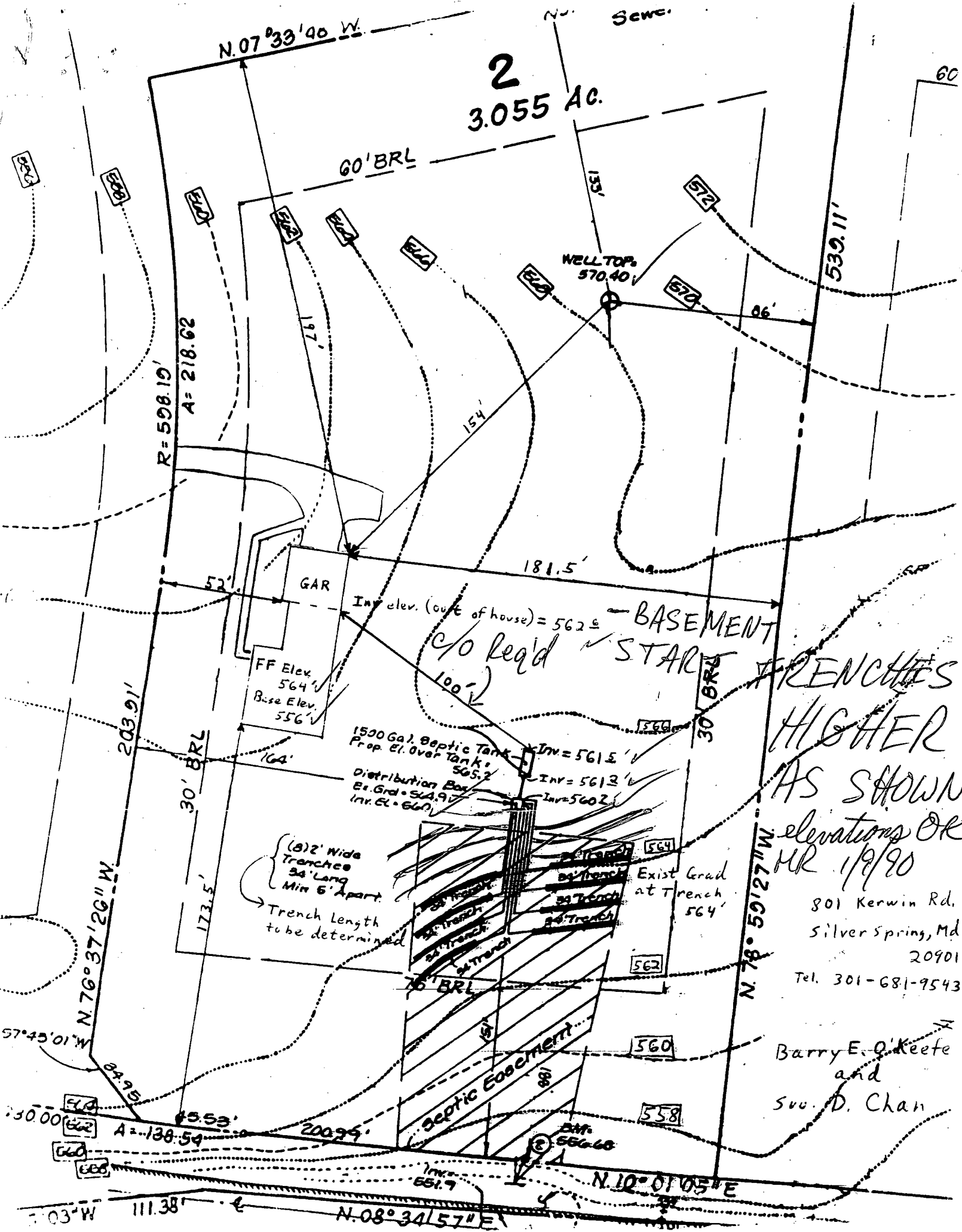
BM. 556.68

Septic Easement

Septic Easement

SALES TRAILER





2  
3.055 AC.

N.07°33'40" W.

Sewer

60' BRL

R = 508.19'  
A = 218.62'

WELL TOP  
570.40'

539.11'

60

GAR

FF Elev. 564'  
Base Elev. 556'

Inv. elev. (out of house) = 562.5  
- BASEMENT  
c/o Req'd STAR TRENCHES  
HIGHER  
AS SHOWN  
elevations OK  
MR 1/9/90

1500 Gal. Septic Tank - Inv = 561.5  
Prop. El. over Tank = 565.2  
Distribution Box - Inv = 561.2  
El. Grad = 564.97  
Inv. El. = 660

(8) 1/2' Wide  
Trenches  
34' Long  
Min 6' Apart  
Trench Length  
to be determined

Exist Grad  
at Trench  
564'

801 Kerwin Rd.  
Silver Spring, Md  
20901  
Tel. 301-681-9543

Barry E. O'Keefe  
and  
Suu D. Chan

N.76°37'26" W.  
203.91'

30' BRL

30' BRL

N.78°59'27" W.  
271.50'

Septic Encasement

57°45'01" W

130.00'

A = 138.59'

N.08°34'57" E

N.10°01'05" E

111.38'