

4/14/99
3:00
4/20/99
12:00

PERMIT

57146
P ~~5151~~

SEWAGE DISPOSAL SYSTEM

A 59289-D

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-317831

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

DATE 3/25/99

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 4/20/99

INDEXED

INSPECTOR DCS

Jack Fyock Septic Service IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 89, Glenelg, MD 21737 PHONE 410-988-9270

SUBDIVISION The Woods at Ridgeview LOT Parcel 4 ROAD 15074 Frederick Road

PROPERTY OWNER Mr. and Mrs. Donald Boian

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 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 distribution box 115 feet from well, approximately 120 feet from East (317') lot boundary and 115 feet from North (489') lot boundary. Run trenches along contour toward West side of property. Trenches not to extend beyond Western boundary of designated easement.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 3/24/99 OK ALL

PLANS APPROVED BY C. Williams DATE 12/30/89

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

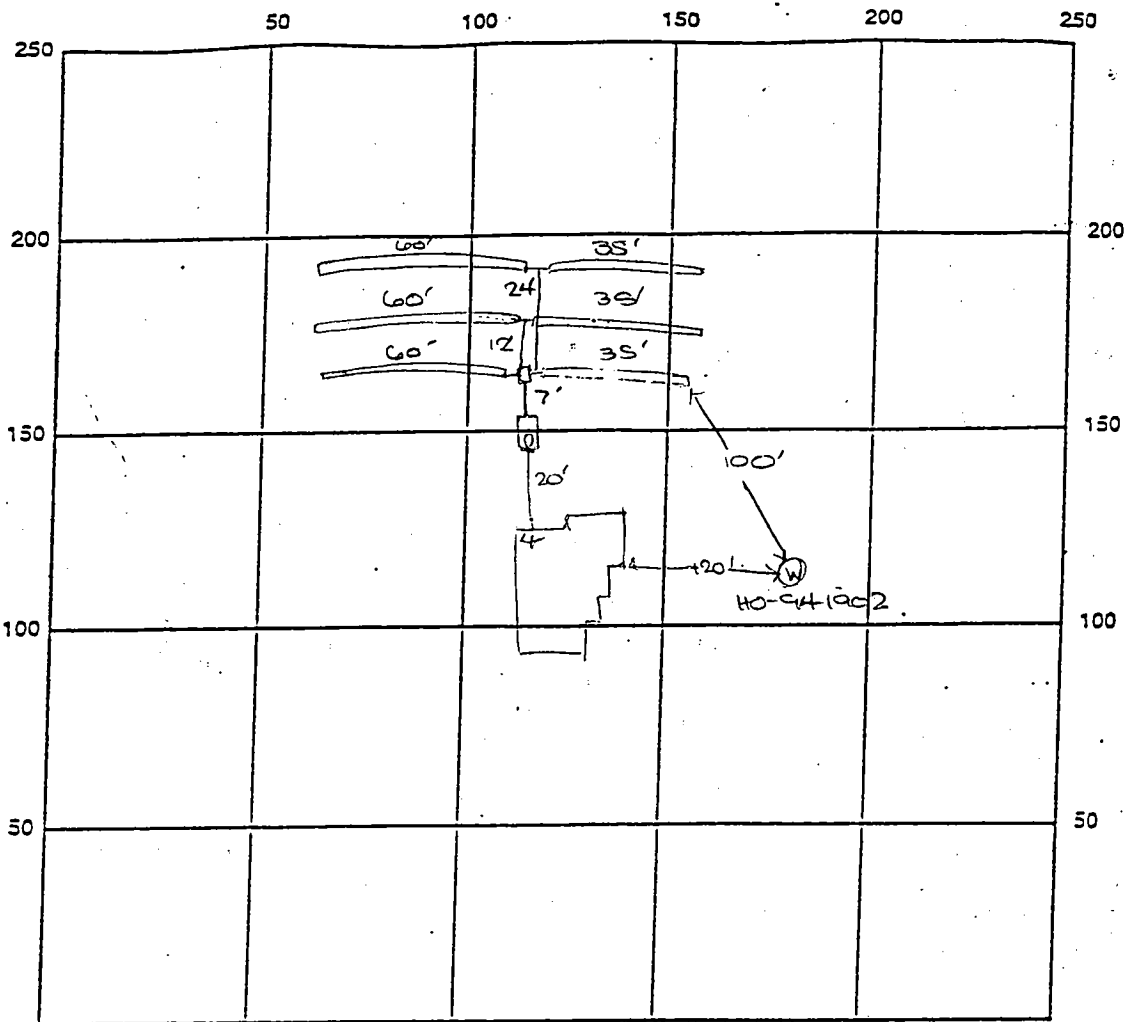
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

59289-D



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Frederick Road

SEPTIC TANK LEVEL OK - 1250 CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3x95 FT. → 285'

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 4/19/99 OK to cover from house to s.t. and
continue DKS

4/20/99 A.M. OK to continue work DKS

4/20/99 FINAL INSP OK to cover all work DKS

4/20/99 WPI - well line P.A. 5' b.g. well casing 1.5'
a.g., 2pc cap installed. PVC conduit pipe OK to cover
DKS

DATE SYSTEM APPROVED 4/20/99 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 592891

P _____

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

DISTRICT _____

DATE 12/31/97

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 Highland Development Corporation ~~and~~ Donald + Kimberly Boiard

ADDRESS _____ PHONE 410 531 5539

AGENT OR PROSPECTIVE BUYER Chuck Shroy

ADDRESS 3779 Shroy Road PHONE 410 4894630

PROPERTY LOCATION: Glenwood Md. 21738

SUBDIVISION _____ LOT NO. Parcel 4

ROAD AND DESCRIPTION Old Frederick Road Woodlawn

15074 FREDERICK ROAD * 9 lots (8 New)

TAX MAP 8 PARCEL # 56, 57, 60, 61, 130, 137, 174 1 house

SIZE OF LOT 1 to 3 ac TYPE BLDG. _____
(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. Chuck Shroy
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

BUILD PERMIT SHIPP'D
AND RETURNED 12-31-97
Serial # 670 115335

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

229
8
18 00
1/13/98
4 1/14/98

59289 D

COUNTY #

SOIL PROFILE

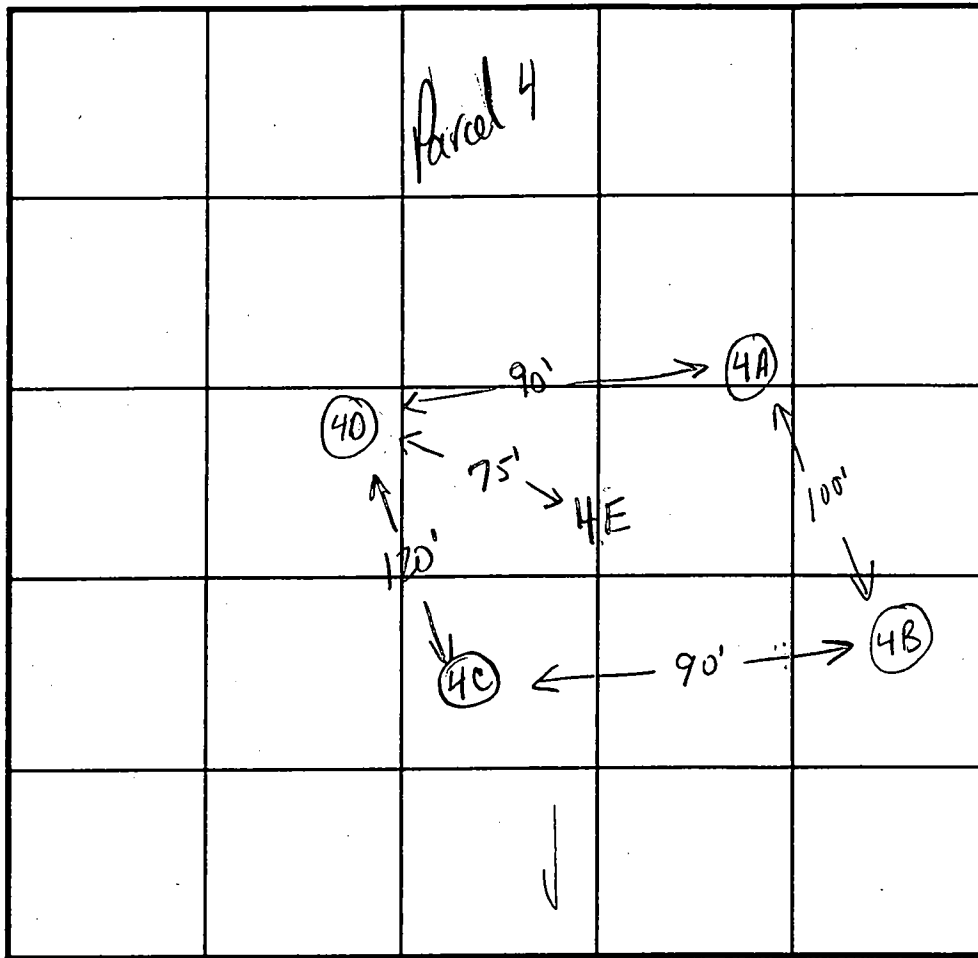
0'
 or/red
 Clay
 loam
 3.0'
 tan/
 pink
 silty
 loam
 10%
 shale
 frags
 12.0'

4C

0'
 or/red
 Clay
 loam
 3.0'
 tan/pink
 yellow
 silty loam
 in outcrop
 at 5.0'
 30-40%
 shale
 frags
 11.0'

(4A)

same
 as
 hole
 #4D



SOIL PROFILE

0'
 or/br
 Clay
 loam
 3.0'
 tan/yellow
 pink
 silty
 loam
 20%-30%
 shale
 frags
 12.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/13/98	4D	3.5'S	12:43	12:46	12:46	12:50:30	4:30
		12.0'D	visual	ok	see profile		
	4C	3.0'S	12:44	12:46:30	12:46:30	12:49:30	3min
		11.0'D	visual	ok	see profile		
	4A	3.0'S	12:53:40	12:57	12:57	11:05	8min
		7.0'S	11:52:30	11:54:30	11:54:30	12:58	3:30
		11.5'D	visual	ok	see profile		
	4B	3.0'S	12:59	11:04:30	11:04:30	11:14:30	10min
		12.0'D	visual	ok	see profile		
	4E	11.0'D	visual only	ok	see profile for hole 4D		4D

REMARKS test holes staked


TYPE OF SOIL _____

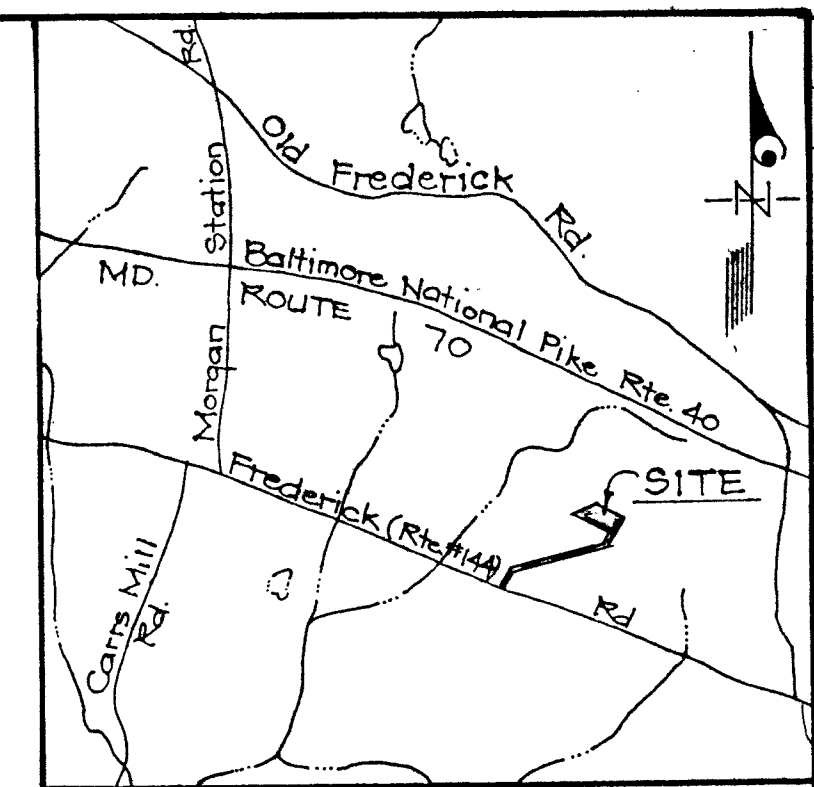
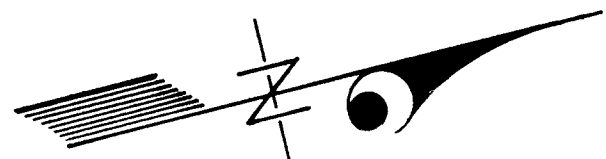
TESTED BY Kim Pinto ALSO PRESENT Chuck Sharp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5-6 minutes TRENCH WIDTH 3.0

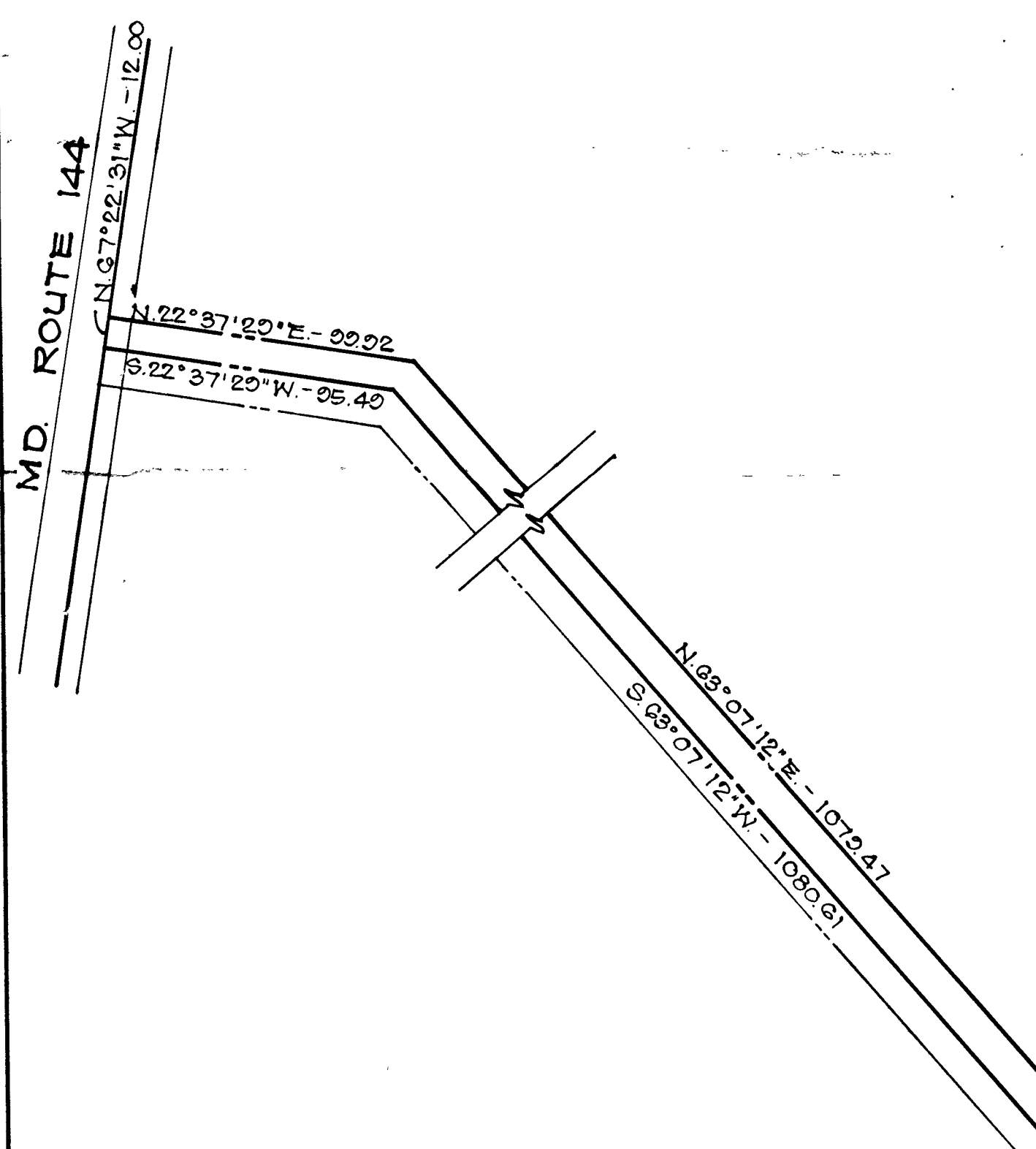
INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT/BEDROOM 180

LEGEND

- Contour Interval 2'
- Existing Contour $202 \text{---} \text{---} 202$
- Proposed Contour ---
- Direction of Drainage ---
- Spot Elevation $+02.5$
- Limit of Disturbance --- L.O.D.
- Existing Trees to Remain 



VICINITY MAP
SCALE: 1"=2000'



PARCEL 4
147,269 #
OR
3.3808 Ac.

* Basement will not sewer by gravity

Approved Septic System Plan
Howard County Health Department
B00115335 - 4BR-5ED


Ar Will 12/30/98
Date

Total linear feet of trench required 280 feet
width of trench(ss) 3 feet
Depth of trench(ss) 5 feet
Depth of stone required below distribution pipe 2 feet

GENERAL NOTES

1. Existing topo was field run by Clark, Finetrock and Sackett, Inc. on 11-17-98
2. Deed References: Liber 4173 Folio 423 and Liber 4285 Folio 464.
3. Length of trenches to be determined at time of permit issuance.
4. Total area to be disturbed = 18,050 # for 0.41 Ac. ±

NOTE:
BY COPY OF THIS PLAN, THE HOWARD COUNTY HEALTH DEPT. ACCEPTS THIS MODIFICATION TO THE PLATTED SEWER DISPOSAL EASEMENT.

 CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS		
7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED <i>Ar</i>	SITE DEVELOPMENT PLAN PARCEL 4 WOODS AT RIDGEVIEW FOURTH(4TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=50'
DRAWN <i>Ar</i>		DRAWING 1 of 1
CHECKED		JOB NO. 08-042
DATE 11-19-98		FOR: CROSEN HOMES 3775 Shady Lane Glenwood, Maryland 21738



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

December 9, 1998

MEMORANDUM

TO: Mr. and Mrs. Donald Boian
6206 Manchester Way
Elkridge, Maryland 21227
FROM: Kimberly Maiste
Water and Sewerage Program
RE: BP# B00115335
15074 Frederick Road

KM

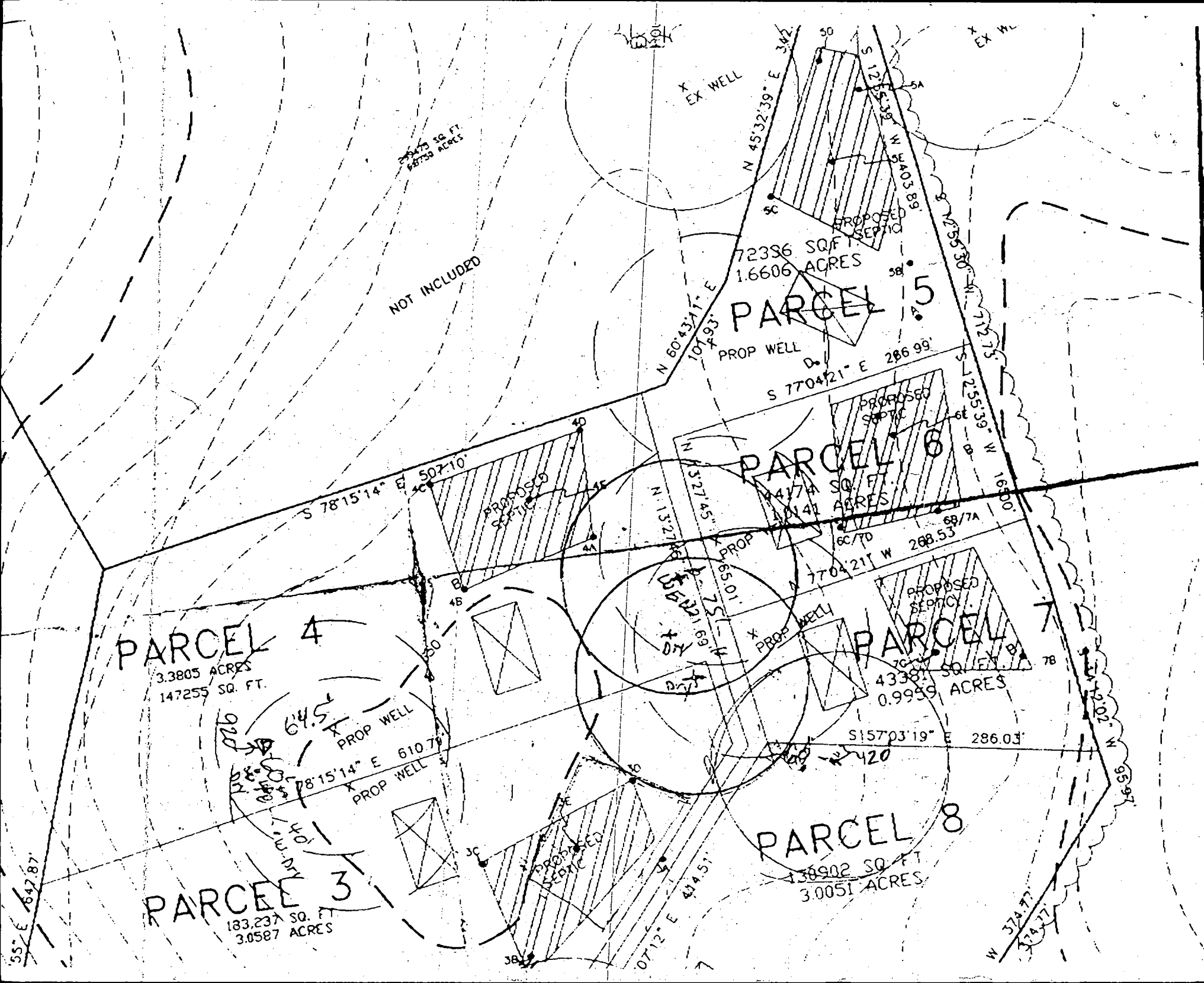
SIGNED 12/30/98
- AREA IS APPROACHABLE
EVEN THOUGH
COMPOSITE PLAT FOR
SEVERAL ASSOCIATED PROPERTIES
NOT YET
SUBMITTED
CW

This office has recently received the above referenced building permit application. However, we are unable to approve the application at this time for the following reason(s):

- No water supply has been established to serve the proposed dwelling.
No septic elevations have been provided on the site plan submitted.
Incorrect septic specifications utilized in proposed septic system design.
No invert elevation(s) provided for:
Proposed house to less than feet.
Existing well to less than feet.
Sewage easement location/configuration incorrect.
X Other: building permit is unable to be approved until percolation certification plat has been signed.

If you have any questions or concerns, please contact Kimberly Maiste at (410) 313-2640.

Enclosure
cc: file



23475 SQ. FT.
0.53753 ACRES

NOT INCLUDED

72396 SQ. FT.
1.6606 ACRES

PARCEL 5

44174 SQ. FT.
1.0141 ACRES

PARCEL 6

43381 SQ. FT.
0.9959 ACRES

PARCEL 7

138902 SQ. FT.
3.0051 ACRES

PARCEL 8

PARCEL 4

3.3805 ACRES
147255 SQ. FT.

PARCEL 3

183,237 SQ. FT.
3.0587 ACRES

B 1 9487

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO - 94 - 1902

fill in this form completely

Date Received (APA) 4-11-98

OWNER INFORMATION

Highland Development C M C P.O. Box 228 Clarksville md. 21029

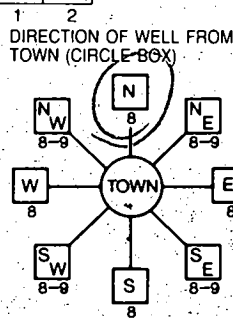
LOCATION OF WELL

Howard The Woods at Ridgerview Parcel 4 Glenwood 3 MILES FROM TOWN

DRILLER INFORMATION

Joseph L. Mayne MS D 024 Joseph L. Mayne Well Drilling 5512 Ridg Rd. Mt. Airy Md. 21771 Joseph L Mayne 4/6/98

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



RT 144 and Right of Way 1030 FT DISTANCE FROM ROAD TAX MAP: 8 BLK: 15 PARCEL 56

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (single or double household unit only) FARMING INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER PUBLIC OR PRIVATE WATER COMPANY TEST, OBSERVATION, MONITORING

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A 59289D COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 10/22/98 Kim Maisto 10/22/99 NORTH GRID 544 EAST GRID 790

APPROXIMATE DEPTH OF WELL 260 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTARY JETTED AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY JETTED & DRIVEN DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROX. PERMIT NUMBER KM HO - 94 - 1902 FORCE INITIALS IN BOX PERMIT NO. 70 71 72 73 74 75 76 77 78 79

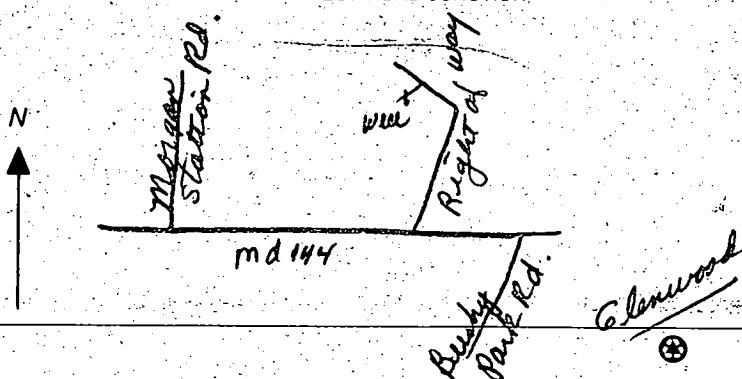
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. Well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 78090 N 5404

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

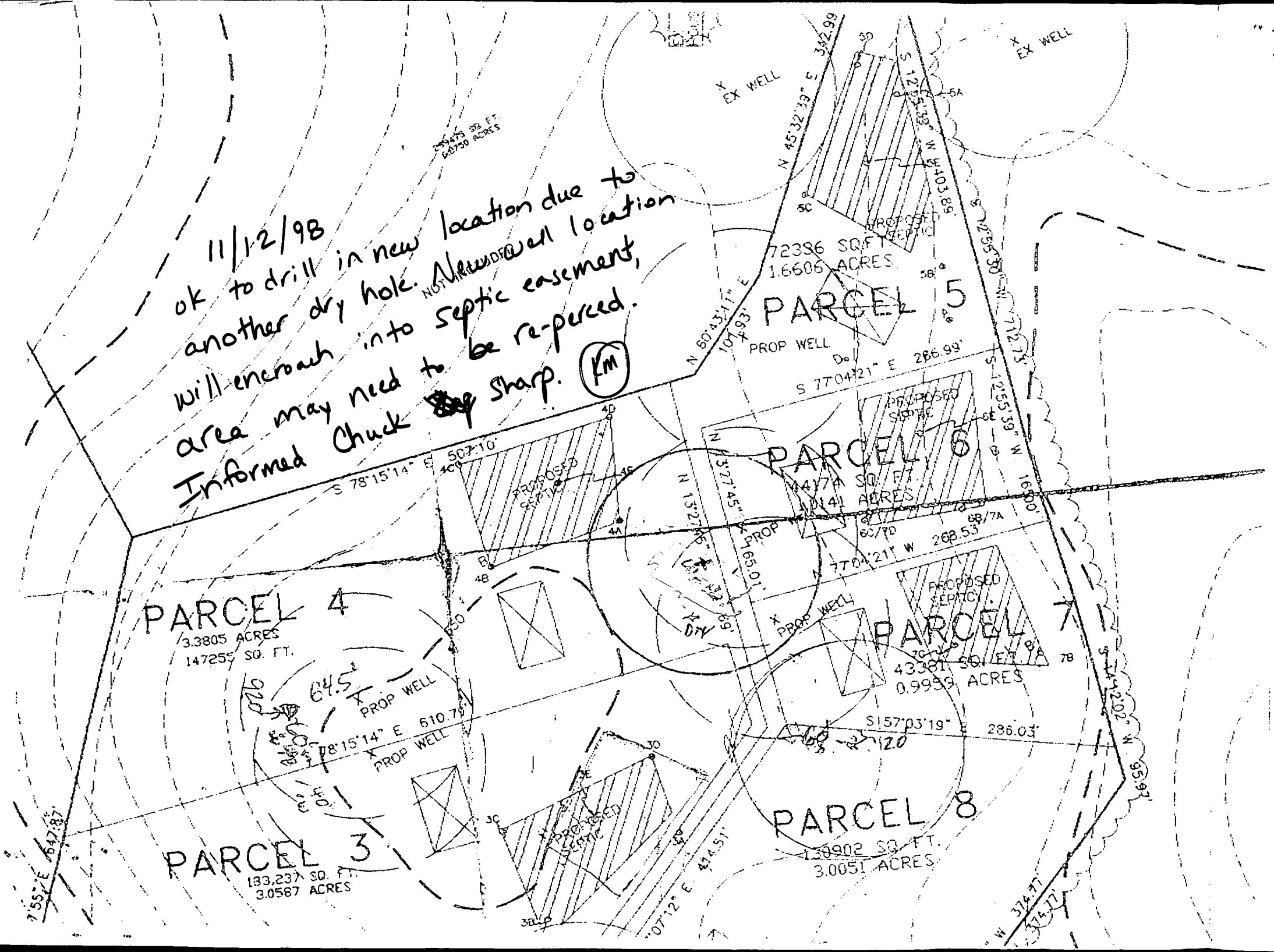


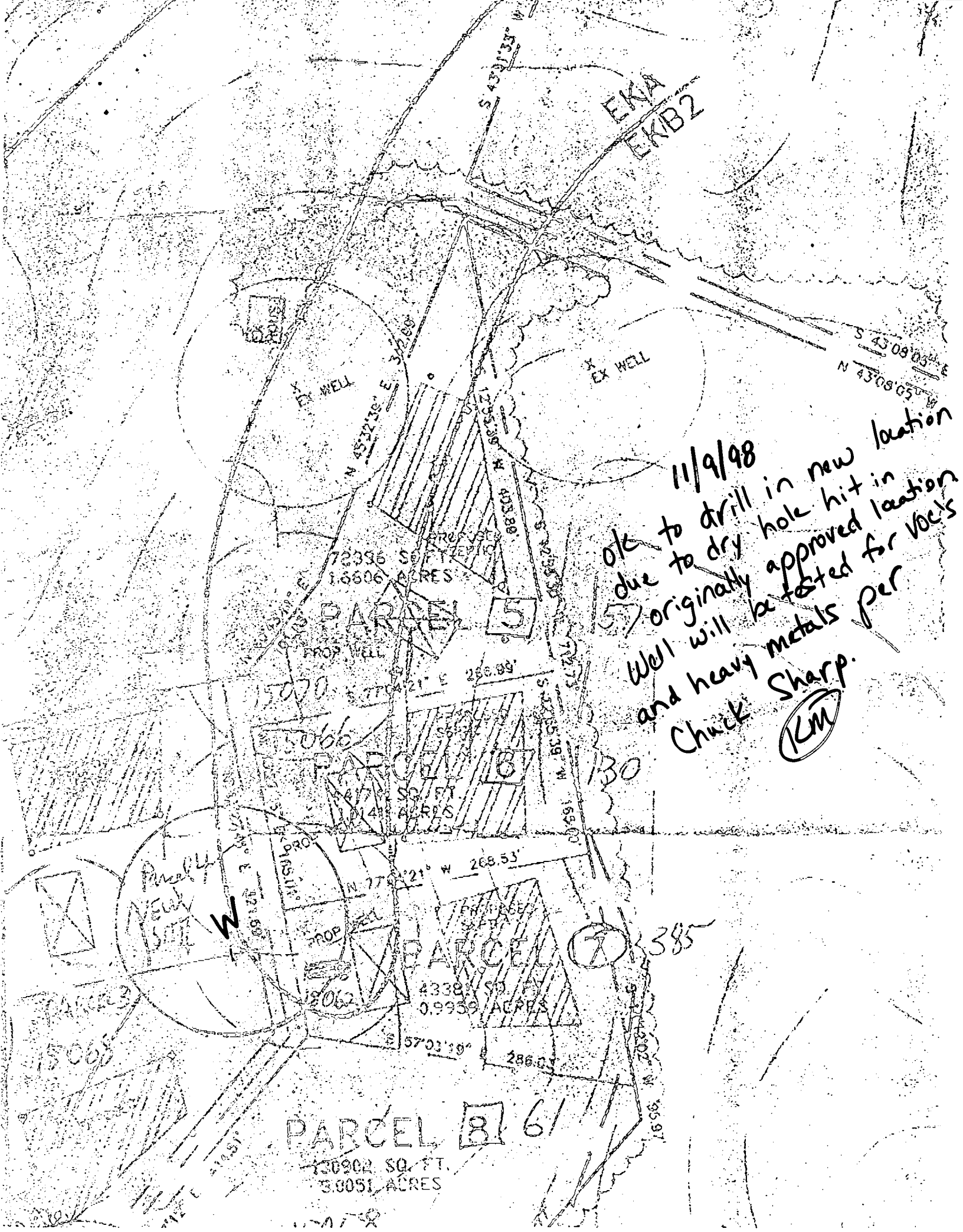
11-12-98 TO Miss M.

FOR 410-313-2662

From Richard Downey 410-531-5539

11/12/98
OK to drill in new location due to
another dry hole. ^{NOT A NEW} well location
will encroach into septic easement,
area may need to be re-perced.
Informed Chuck ~~of~~ Sharp. (KM)





11/9/98
 OK to drill in new location
 due to dry hole hit in
 approved location
 and heavy metals per
 Chuck Sharp.
 (KM)

72336 SQ. FT.
 16606 ACRES

PARCEL 5

PROP WELL

EX WELL

5070

PARCEL 6

4338 SQ. FT.
 0.09959 ACRES

PROP WELL

EX WELL

130902 SQ. FT.
 3.0051 ACRES

PARCEL 8

130902 SQ. FT.
 3.0051 ACRES

PARCEL 8

130902 SQ. FT.
 3.0051 ACRES

130902 SQ. FT.
 3.0051 ACRES

130902 SQ. FT.
 3.0051 ACRES

N 69°43'12" W 785.92'

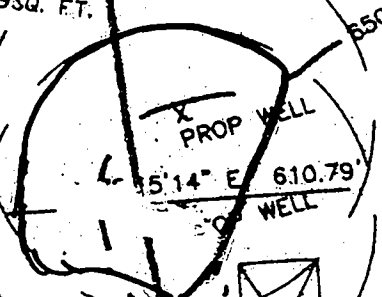
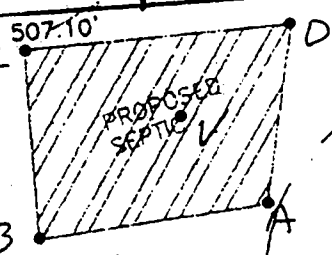
OK to drill in new location due to dry hole hit in ~~original~~ location. Well will be tested 9/17/98 for VOC's and heavy metals per Chuck Sharp. **KM**

OK to drill in shaded area KM/CW

G162

PARCEL 4

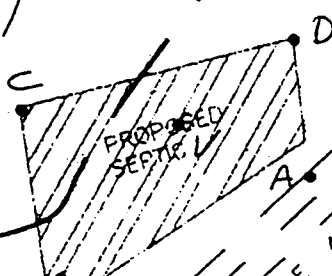
3.3619 ACRES
1464429 SQ. FT.



N 40°47'55" E 817.87'
625

PARCEL 3

133,606 SQ. FT.
3.0672 ACRES



N 40°47'55" E 817.87'
S 66°40'38" E 247.36'

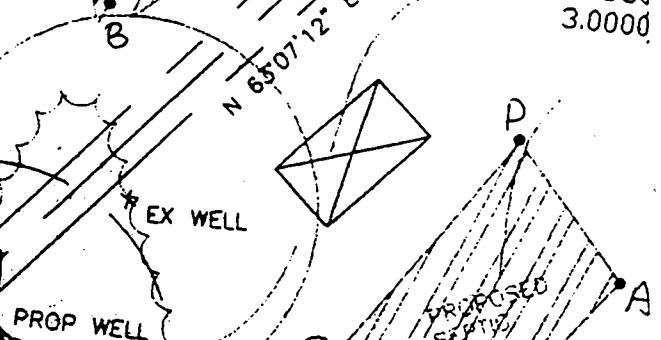
G1B2
EK82

PAR
130686
3.0000



LOT 3

S 57°28'10" E 1109.00 FT.
1.2806 ACRES
S 66°40'38" E 294.86'



EX WELL

PROPOSED SEPTIC

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3089-B Ellicott Hills Drive
Ellicott City, MD 21043
410-388-0000

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer Willoughby Plumbing, Inc.

Telephone 410-781-7051

Licenses Number 6992
Certified Well Pump Installer _____

Well Driller _____

Registered Plumber

Name of Property Owner DONALD KENNETH BRIAN

Telephone 410-781-7051

Subdivision _____
City Address 13075 FREDERICK RD
WOODHAME MD 21797

Well Tag # 40-99-19-02

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____

- Motor
- 1. Horsepower 3/4
 - 2. RPM _____
 - 3. Voltage _____
 - a. 110 _____
 - b. 230

- Pitless Adapter
- 1. Make Wells
 - 2. Model # _____
 - 3. Depth 10'

- 11. Pump exceeds well capacity Yes _____ No
- 12. Is 1/2" or less pressure cutoff outlet installed? Yes _____ No _____
- 13. What methods are used to protect the pump and electrical wiring from _____
 a. Vandalism - Vandal protectors _____ Cable guards _____ Other None

- 14. Capacity 10 gal
- 15. Pressure relief valve? Yes

- Piping
- 1. Type Crosslink
 - 2. Size 1"
 - 3. NSF and/or DWSA Code approved Yes
 - 4. Depth of pvc pipe 4'

- Well Case
- 1. Depth 10'
 - 2. Vial 1/2" and
 - 3. Static water level 2' ft.
 - 4. Will motor supply be discontinued 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: Chris Willoughby

Date: 4/22/99

Two (2) copies indicating approval status of the installation will be placed on the well casing at the site of the inspection.

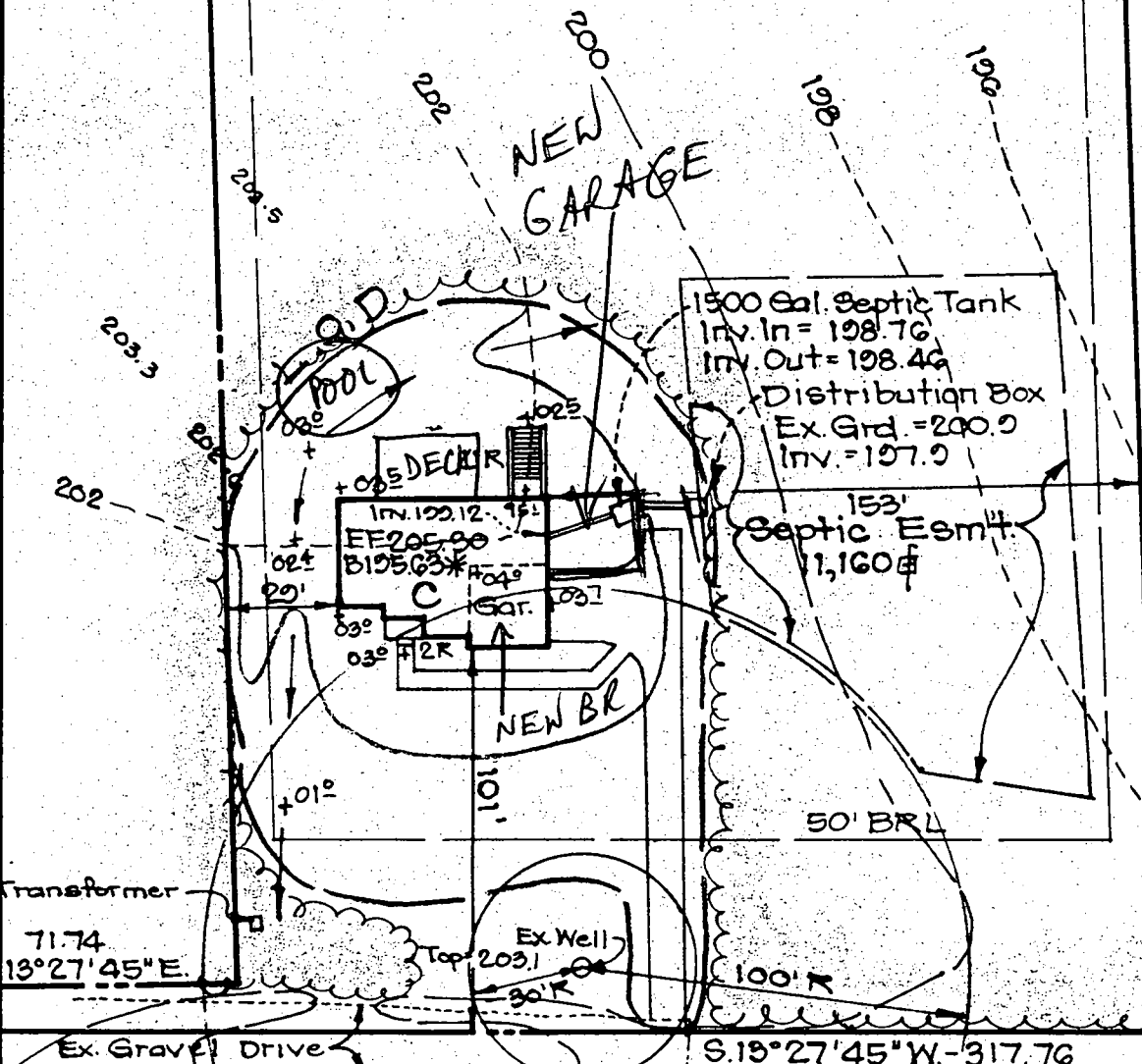
* Basement will not sewer by gravity

489 03

Approved Septic System Plan
 Howard County Health Dept
 600115335 - 4B

A. Will 17

~~Stamp~~



Total linear feet of required

width of trench (ss)

Depth of trench (ss)

Depth of stone req'd
 to distribution pipe

Transformer
 71.74
 13° 27' 45" E.

Ex. Grave Drive

S. 13° 27' 45" W. - 317.76

PARCEL 7

PARCEL 6

PARCEL 5

PROPOSED

3/19/04 MTG w/ OWNER RE: POOL, DECK, NEW BR, NEW GARAGE

(MR) ADVISED HER POOL & DECK OK AS SHOWN
 NEW BR WOULD NEED TANK UPGRADE TO 1500 GAL
 NEW GARAGE WOULD NEED TANK LOCATION 10' AWAY &
 VERIFICATION THAT EX. D.B. / TRENCHES 10' AWAY

D1
 D1
 C
 D1
 1