

5/11/99  
late pm

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-323513

P 511914

A 59289-C

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

# INDEXED

DISTRICT \_\_\_\_\_  
DATE 5/27/99  
DATE SYSTEM APPROVED 6/1/99  
INSPECTOR SKR

Covey Construction Co., Inc. IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS P.O. Box 254, Woodstock, MD 21163 PHONE 410-750-0398

SUBDIVISION The Woods at Ridgeview LOT Parcel 3 ROAD 15078 Frederick Road

PROPERTY OWNER Darrel Drenner

ADDRESS \_\_\_\_\_

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

LOCATION - Per unsigned percolation certification plat, start at the right rear lot corner 600.90/71.74' intersection, place the distribution box 200 feet down the 600.90' line and 80 feet off this same lot line. Run trenches on contour to front of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/25/99 DCS

PLANS APPROVED BY Mark E. Rifkin/Amy McMillen DATE 3-17-99

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

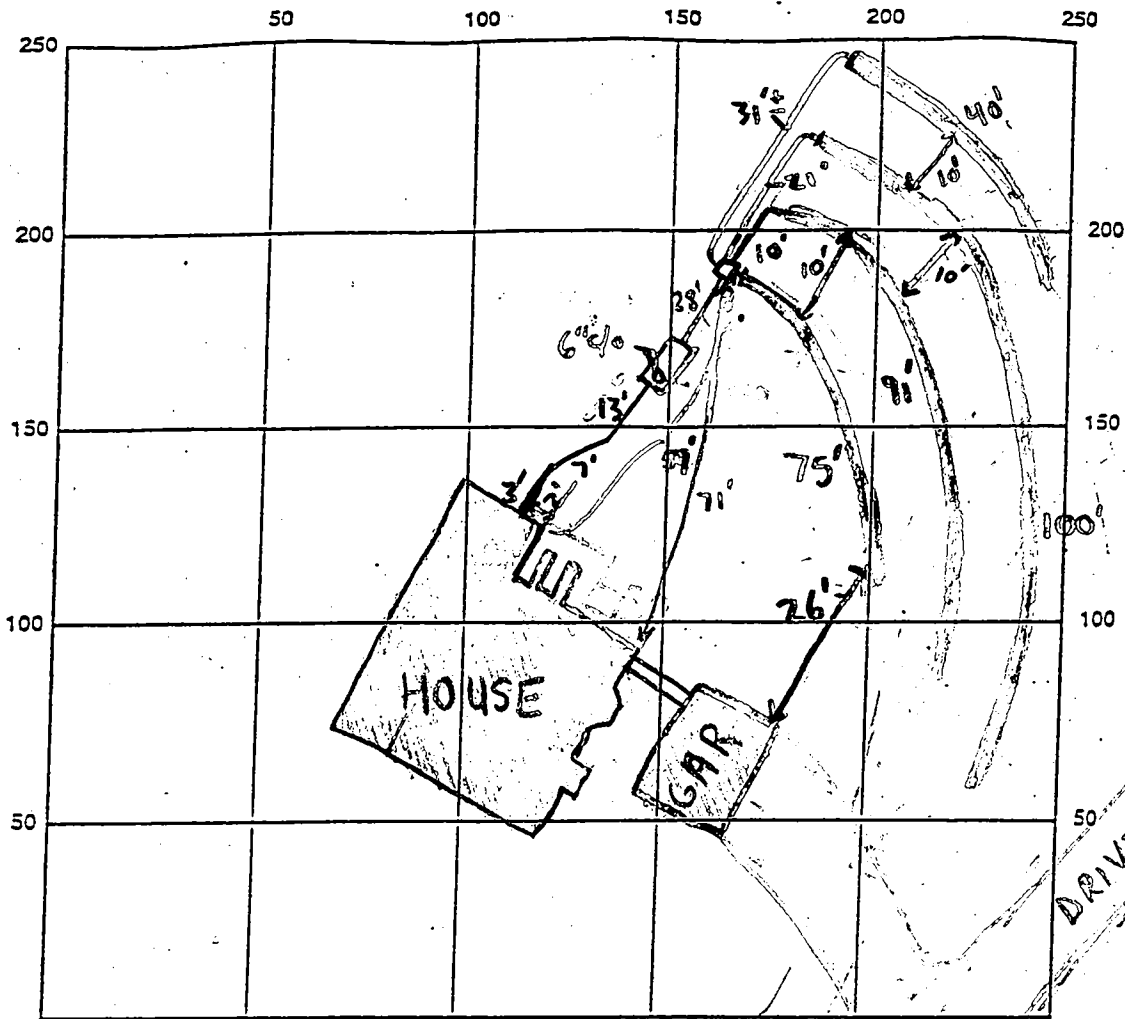
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 59289-C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

FREDERICK ROAD

SEPTIC TANK LEVEL 1500 <sup>gallon</sup> mid seam CLEANOUTS 1-6" @ Tank

DISTRIBUTION BOX LEVEL ✓

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 306 FT.

NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~ BOTTOM AREA 918 SQ. FT.

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: 6/1/99 - OK TO CONTINUE WORK - SRK 6/1/99 - OK TO COVER ALL WORK - SRK

DATE SYSTEM APPROVED 6/1/99 INSPECTOR Steven R. King

225  
8  
1800  
1/13/98  
4/1/14/98

# APPLICATION

PERCOLATION TESTING

A 59289C

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 - ~~DRARREL~~ & CHRISTINE DRAUNER

ADDRESS \_\_\_\_\_ PHONE 410 531 5539

AGENT OR PROSPECTIVE BUYER Chuck Shauf

ADDRESS 3779 Shuf Road PHONE 410 4894630

PROPERTY LOCATION: Blunwood mt. 21738

SUBDIVISION \_\_\_\_\_ LOT NO. Parcel 3

ROAD AND DESCRIPTION ~~Old~~ <sup>150289</sup> Frederick Road Woodlawn

TAX MAP 8 PARCEL # 56, 57, 60, 64, 130, 137, 174 \* 9 lots (8 New 1 home)

SIZE OF LOT 1 ac 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 Shauf  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ **REQ. PERMIT SIGNATURE** \_\_\_\_\_ **REQ. PERMIT SIGNATURE** \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_ **AND RETURNED 3-17-99** \_\_\_\_\_ **AND RETURNED 3-17-99** \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # Serial # B10116412 detached garage DATE SFD-3Bem

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

# THIS IS NOT A PERMIT

59289C

COUNTY #

SOIL PROFILE

3C

orange/red  
Clay loam

1+ tan,  
pink  
Silty  
loam

20%  
shale  
frags

3B

orange/  
red  
clay  
loam

1+ tan,  
pink  
Silty  
loam  
10-15%  
shale  
frags

3D

orange/  
red  
clay  
loam

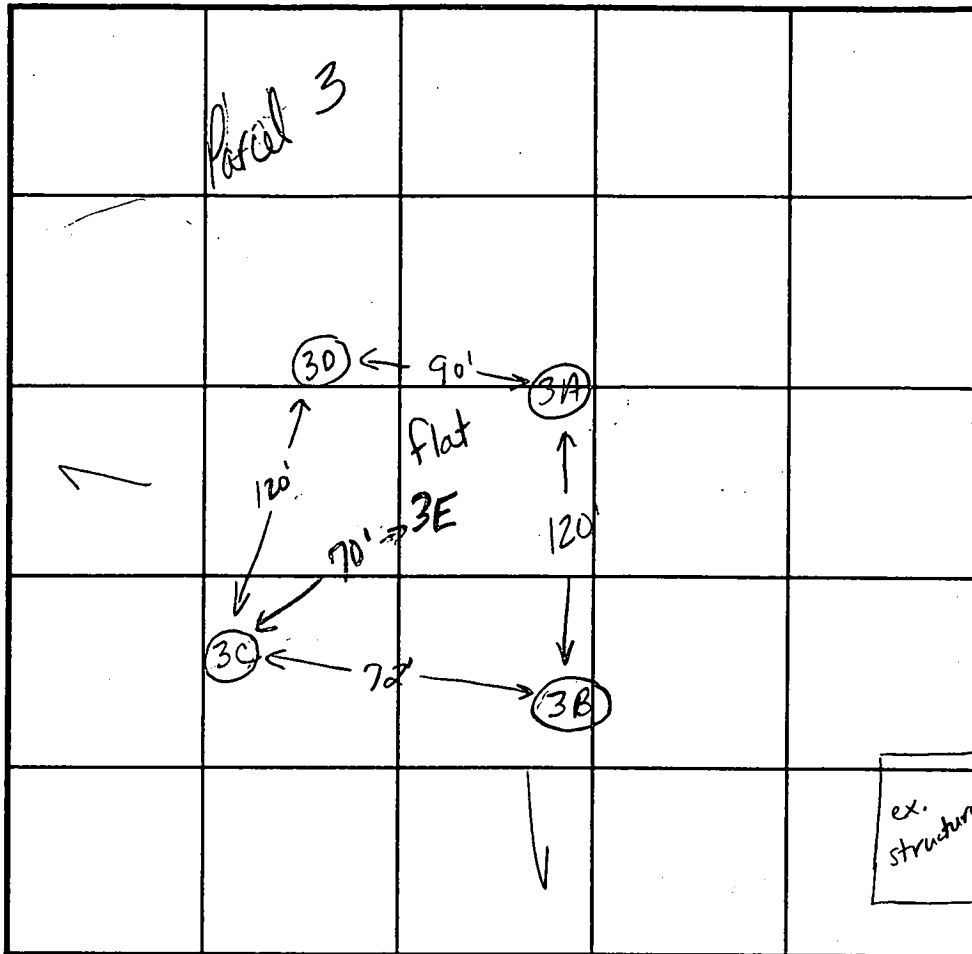
1+ tan  
pink  
Silty  
loam  
10-15%  
shale  
frags

SOIL PROFILE

3A

orange/red  
Clay  
loam

1+ tan,  
yellow  
Silty  
loam  
15-20%  
shale  
frags



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	3B	3.5'S	9:56	9:58	9:58	10:01	3min
		12.0' D	visual	ok-see profile			
	3C	3.5'S	10:02	10:04 <sup>30</sup>	10:04 <sup>30</sup>	10:09 <sup>30</sup>	5min
		6.5' D	10:02	10:04	10:04	10:05 <sup>30</sup>	1 <sup>30</sup>
		12.0' D	visual	ok-see profile			
	3D	3.5'S	10:11	10:13	10:13	10:18	5min
		12.0' D	visual	ok-see profile			
	3A	3.0'S	10:13	10:15 <sup>30</sup>	10:15 <sup>30</sup>	10:19	4 <sup>30</sup>
		12.0' D	visual	ok-see profile			
	3E	11.0' D	visual	only - ok see profile for hole 3B			

REMARKS test holes staked

TYPE OF SOIL

TESTED BY

Kim Maiste

ALSO PRESENT

Chuck Sharp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

3-4 minutes

TRENCH WIDTH

3.0

INLET DEPTH

3.0

MAXIMUM BOTTOM DEPTH

5.0

SQ. FT./BEDROOM

180

ESMT. PARCEL #3

BEARING	DISTANCE
N 73°47'06" W	136.70'
N 16°12'54" E	20.00'
S 73°47'06" E	145.40'
N 39°43'26" E	21.81'

CHB2

G162

Approved  
Peric Cert  
3/18/99  
N 40°47'55" E 274.54'

PARCEL 4  
3.3805 ACRES  
147255 SQ. FT.

PARCEL 3  
133,237 SQ. FT.  
3.0587 ACRES

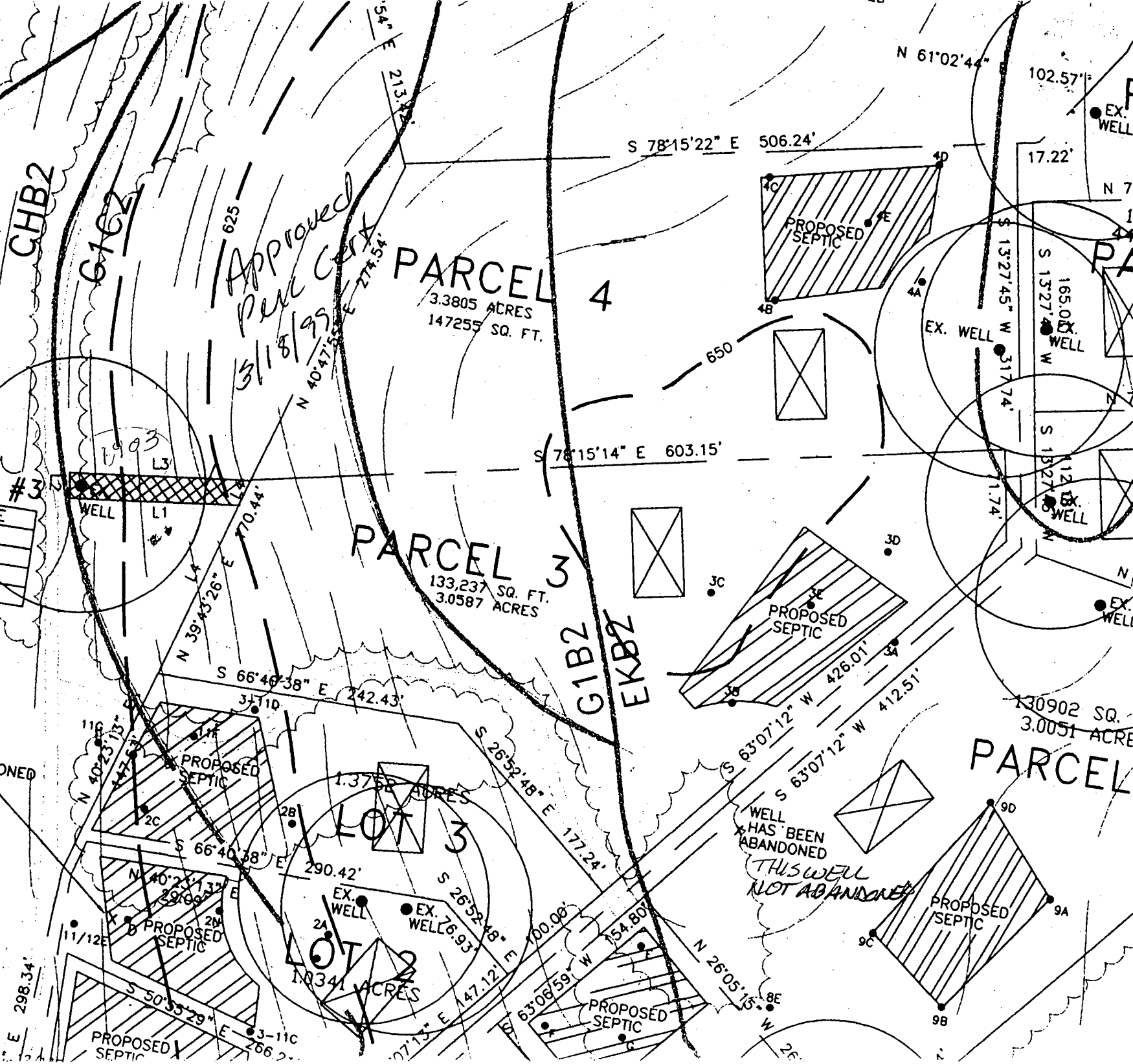
G1B2  
EKB2

PARCEL  
130902 SQ.  
3.0051 ACRES

EX. WELL  
HAS BEEN ABANDONED  
H073-3203

N 40°23'13" E  
28.63'

WELL  
HAS BEEN  
ABANDONED  
THIS WELL  
NOT ABANDONED





PARCEL 4

Approved Septic System Plan  
Howard County Health Department

*Ann M. Mell* 3/17/99  
Signature Date

S 78° 15' 15" E

650  
PROP WELL

600.90'

650

200'

TO WELL  
APPX 300'

FF: 655.60  
B: 646.77

1500 GAL  
SEPTIC TANK  
EX GROUND = 651.0

DISTRIBUTION BOX  
EX GROUND = 651.0  
INVERT = 648.0

GARAGE

APPROX LIMIT OF DISTANCE

SEPTIC EASEMENT

COMMON ACCESS EASEMENT

Total linear feet of trench required 240 feet  
width of trench(es) 30 feet  
depth of trench(es) 5.0 feet  
Depth of stone required below distribution pipe 2.0 feet

S 13° 27' 45" W 71.74'

LO 417

3B

3C

3D

3A

LO 418

3

B 1 8718 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER HO-94-1903 fill in this form completely

DATE RECEIVED (APA) 10-22-98 OWNER INFORMATION Highland Development cmc P.O. Box 228 Clarksville ms. 21029

LOCATION OF WELL Howard COUNTY The Woods at Redgerview SUBDIVISION SECTION 44 LOT 3 46 48 50 Glenwood NEAREST TOWN MILES FROM TOWN 3

DRILLER INFORMATION Joseph L. Mayne MSD 024 Driller's Name License No. 81 Firm Name Joseph L. Mayne Well Drilling 5512 Ridge Rd. Mt. Airy 21771 Address Signature Date 10/19/98

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) RT144 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 650 FT ENTER FT OR MI 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) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION 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 COUNTY NAME A59815J COUNTY NO. STATE SIGNATURE DATE ISSUED 10/22/98 CO SIGNATURE EXP. DATE 10/22/98 NORTH GRID EAST GRID

APPROXIMATE DEPTH OF WELL 500 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 DRIVE-POINT other

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 780 90 N 5404

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 DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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 54 G A P PERMIT No. HO-94-1903

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

# PARCEL 4

3.3805 ACRES  
147255 SQ. FT.

# PARCEL 3

133,237 SQ. FT.  
3.0587 ACRES

# PARCEL 1

132,170 SQ. FT.  
3.0342 ACRES

# LOT 3

# LOT 2

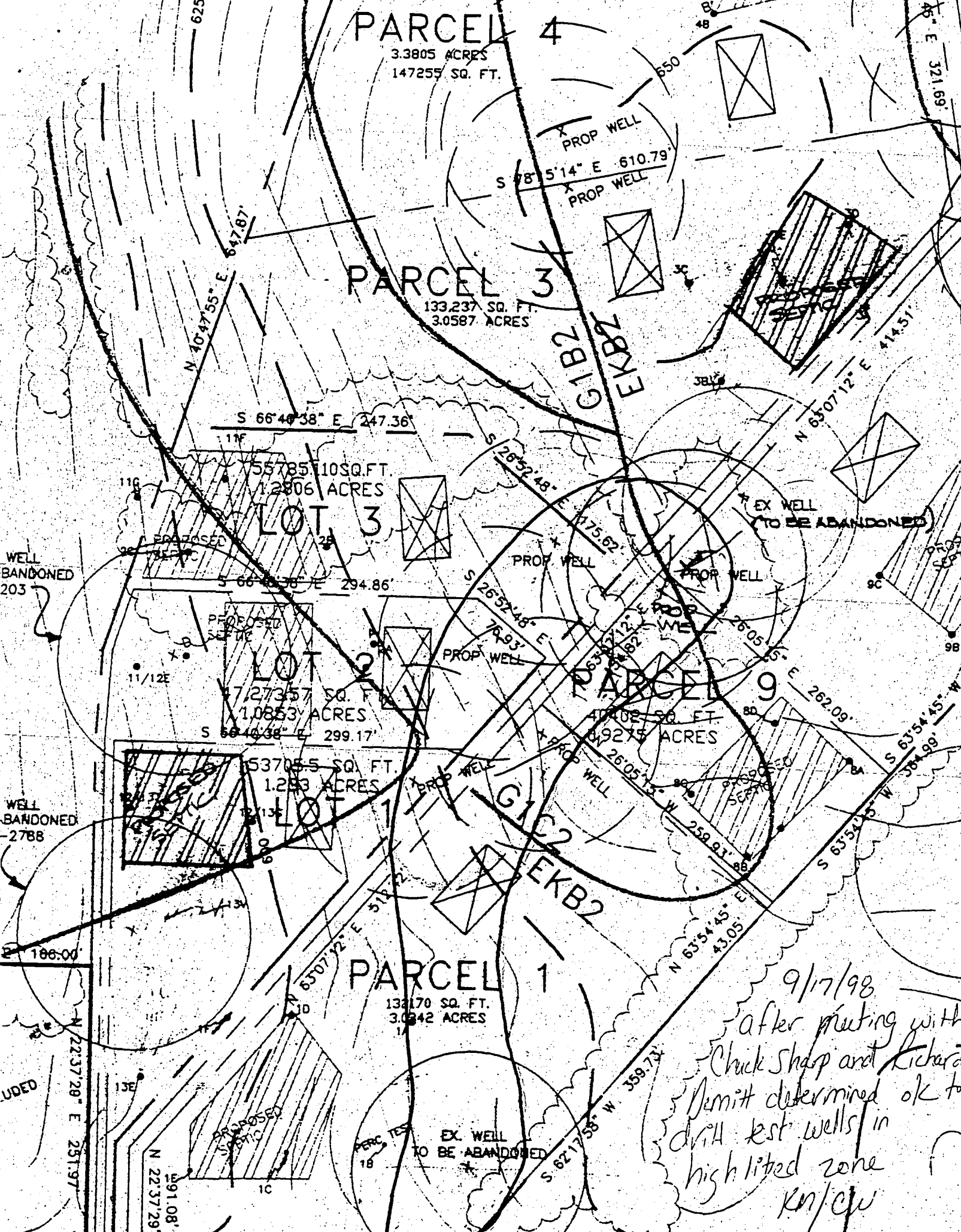
# LOT 1

G1B2  
EKB2

G12  
EKB2

# PARCEL 9

47,025 SQ. FT.  
1.0825 ACRES



WELL BANDONED  
203

WELL BANDONED  
-2788

USED

9/17/98  
 after meeting with  
 Chuck Sharp and Richard  
 Demitt determined ok to  
 drill test wells in  
 high lifted zone  
 kn/cw

EX. WELL  
TO BE ABANDONED

EX WELL  
(TO BE ABANDONED)

PERC TEST

PARCEL 1

1:32

18079  
606  
9079  
1/16/67  
15/6/67

1/2 GPM  
BY PERM  
STIMULATED PER SHARP  
OR TO  
MOUNT DOWN HILL AS MUCH  
AS 35' TO TRY AGAIN  
WITH PAPER ADJUSTMENT  
N 16000 2/9/91  
20' Area 5'

EX. WELL  
TO BE ABANDONED  
HO73-3203

EX. WELL  
TO BE ABANDONED  
HO73-2788

N 40°47'55" E 7642'

S 66°40'38" E 247.36'

1.2806 ACRES

LOT 3

S 66°40'38" E 204.86'

1.0853 ACRES

LOT 2

S 66°40'38" E 299.17'

1.233 ACRES

LOT 1

PARCEL 3  
N/F L.4173 F.423

PARCEL 1  
N/F L.4173 F.423

S 22°37'29" W 27.37'

S 67°23'35" E 166.00'

N 63°07'12" E 512.42'

N 26°05'12" W 259.93'

N 63°54'45" E 43.05'

N 63°07'12" E 414.51'

E 262.09'

S 63°

S 63°

S 63°

S 63°

S 63°

S 63°

G1B2  
EKB2

G1B2  
EKB2

PROPOSED SEPTIC

PROPOSED SEPTIC

PROPOSED SEPTIC

PROPOSED SEPTIC

PROP WELL

PROP WELL

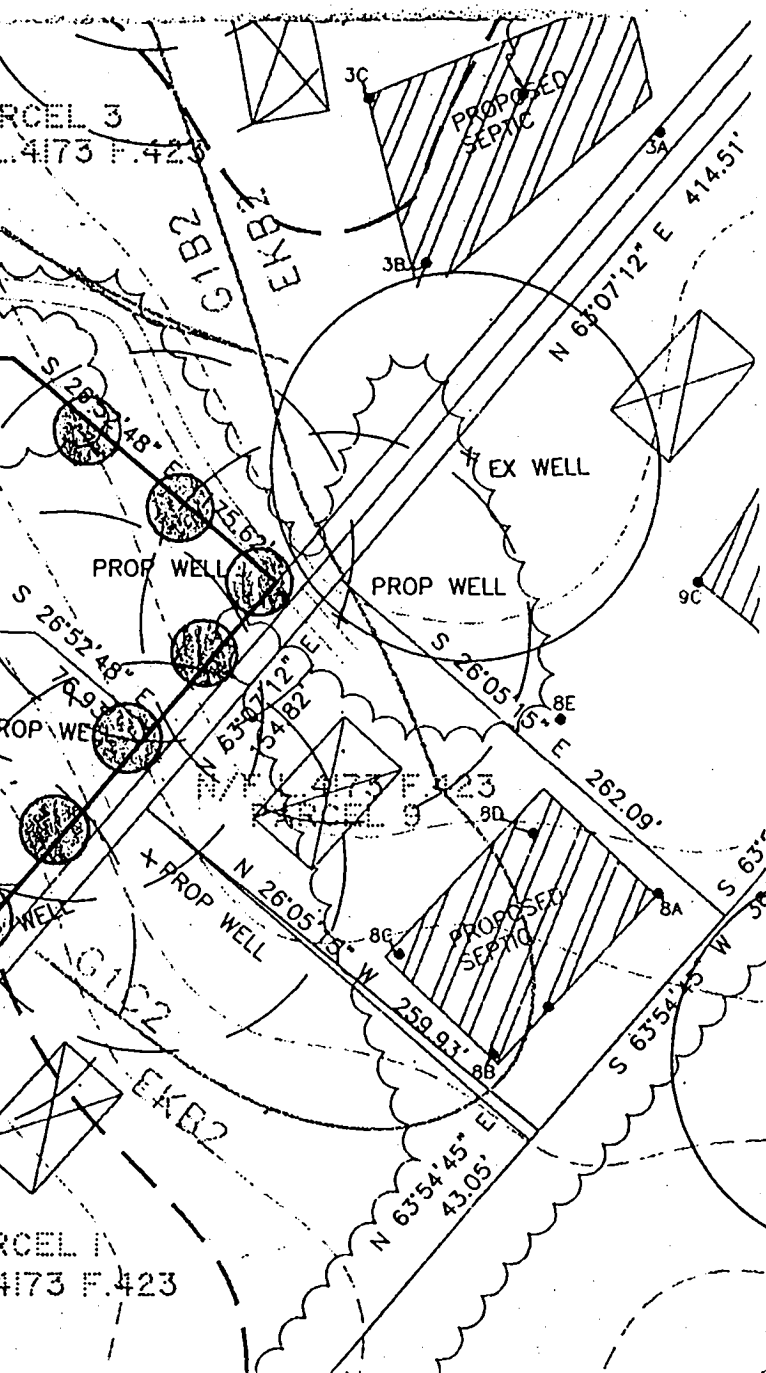
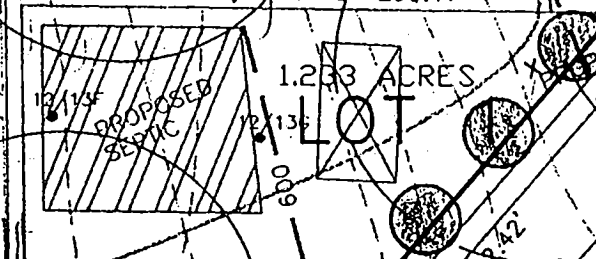
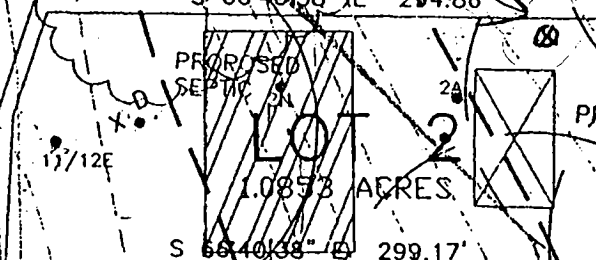
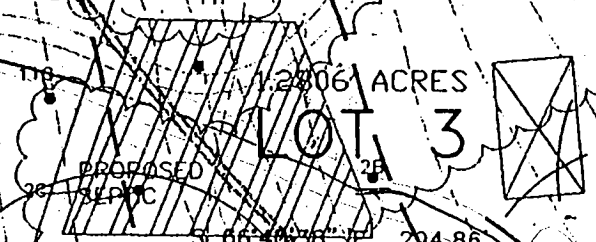
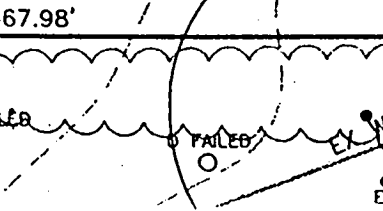
PROP WELL

PROP WELL

PROP WELL

EX WELL

PROPOSED SEPTIC



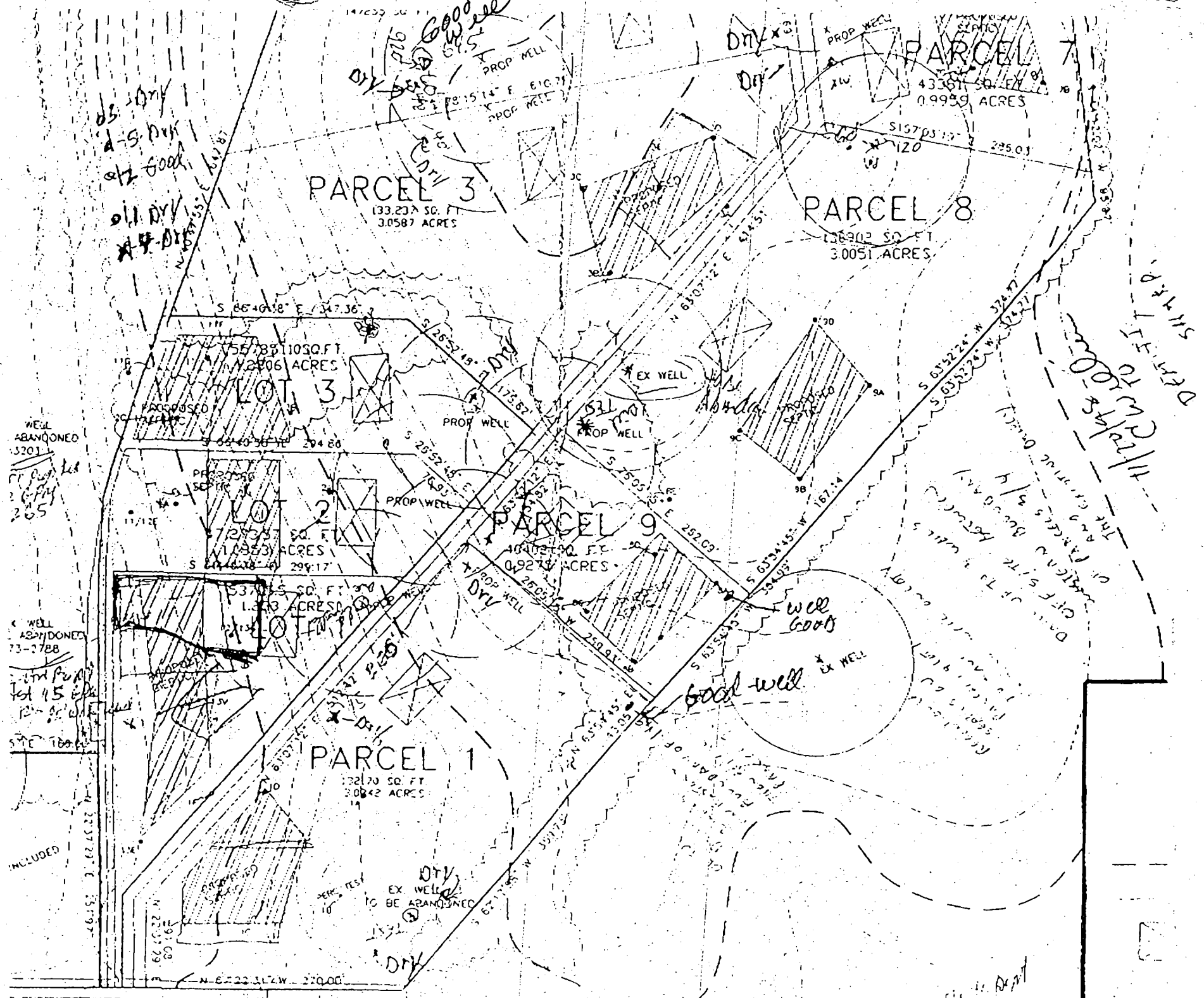


3/18/99

Original comp. report  
not yet received as  
of this date - copy  
accepted in order to  
expedite H.O. signature  
of the perc cert

From Front to back Au

RECEIVED  
HOWARD COUNTY HEALTH DEPT.  
ENVIRONMENTAL HEALTH  
1999 JA 22 AM 11:40



HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9833

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer Catons PTH

Telephone 410-777-2293

License Number 3107

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner DANIEL & CHRISTINA GREENER Telephone 410-719-9477

Subdivision WOODS OF RIDGEVIEW Lot # 4 Well Tag # HO-94-1903

Site Address 15078 FREDRICK RD.

- Pump**
- Type
    - Deep well jet \_\_\_\_\_
    - Shallow well jet \_\_\_\_\_
    - Submersible Sub
  - Make Sucuzzi
  - Model # T75978P52
  - Capacity 5 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 \_\_\_\_\_

- Motor**
- Horsepower 3/4
  - RPM 3450
  - Voltage \_\_\_\_\_
    - 110
    - 220 \_\_\_\_\_

- Pitless Adapter**
- Make Harvard
  - Model # PT 805 1"
  - Depth 42"  
well 280ft

- Tank**
- Capacity 44g
  - Pressure relief valve? 751b

- Piping**
- Type Polyethylene
  - Size 1"
  - NSF and/or BOCA Code approved NSF
  - Depth of supply line 4ft

- Well data**
- Depth 280 ft.
  - Yield 10 GPM
  - Static water level 230 ft.
  - 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.

Signature of Applicant: \_\_\_\_\_

Date: 8-24-99

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