

C 1 9312
 1 2 3 6
 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.
 COUNTY NUMBER W511054

ST/CO USE ONLY
 DATE Received MM DD YY
 8 13
 DATE WELL COMPLETED MM DD YY
 01 09 99
 Depth of Well 225
 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL"
 HO-99-1960
 28 29 30 31 32 33 34 35 36 37

OWNER Delta Ratta last name 3890 Route 97 first name Raphael
 STREET OR RFD TOWN Glenwood
 SUBDIVISION SECTION LOT

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

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	30	
Sand Stone	30	38	✓
MICKA	38	55	
Sand Stone	55	60	✓
MICKA	60	225	

GROUTING RECORD yes no
 WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
 TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS 9 NO. OF POUNDS 900
 GALLONS OF WATER 54
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 30 ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER
 MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 42
 60 61 63 64 66 70

OTHER CASING (if used)
 diameter inch depth (feet) from to
 E A C H I N G

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

NUMBER OF UNSUCCESSFUL WELLS: 0
 WELL HYDROFRACTURED Y N

CIRCLE APPROPRIATE LETTER
A 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 LIC. NO. 1 M S D L 1 6
Raph Raphael
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 LIC. NO. 1 M S D 1 1 2
Raph S. Raphael

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

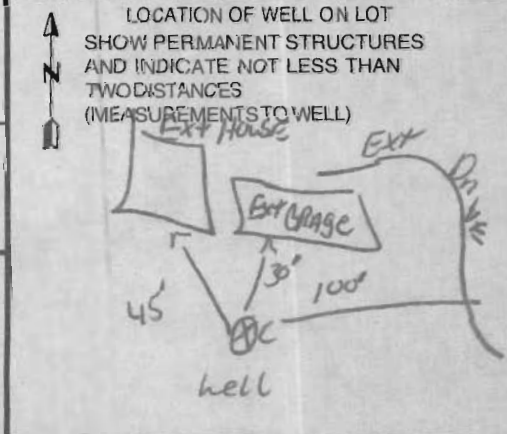
C 2 DEPTH (nearest ft.)
 1 2
HO 140 225
 8 9 11 15 17 21
 23 24 26 30 32 36
 38 39 41 45 47 51
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from 56 to 60

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 8 9
 PUMPING RATE (gal. per min.) 12
 11 15
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 35 ft.
 17 20
 WHEN PUMPING 36 ft.
 22 25
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED
 DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
 PUMP HORSE POWER 37 41
 PUMP COLUMN LENGTH (nearest ft.) 43 47
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE
 - below } 2 (nearest foot)
 49 50 51



B 1 4749

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1960 fill in this form completely

Date Received (APA)

10/20/98

OWNER INFORMATION

8/15/36/57/70/72/76 Last Name: RATTI, Owner: RAPHAEL, First Name: RATTI, Street or RFD: 3850 RT 97, Town: GLENWOOD, State: MD, Zip: 21738

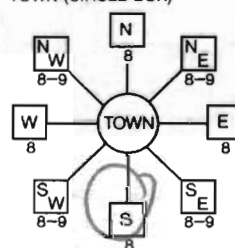
B 3 LOCATION OF WELL

8/21/42/52/71 COUNTY: Howard, SUBDIVISION: DELLA RATTI Prop, SECTION: 3890, LOT: RT 97, NEAREST TOWN: GLENWOOD, MILES FROM TOWN: 2

DRILLER INFORMATION

Driller's Name: Ralph MAYNE, License No.: MSD 116, Firm Name: RALPH MAYNE WELL DRILLING, Address: 9120 Brown Church rd Mt Airy, Signature: R.M. Mayne, Date: 10/2/98

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11/30/34/37/38/39 NEAR WHAT ROAD: MD RT 97, ON WHICH SIDE OF ROAD: SOUTH, DISTANCE FROM ROAD: 600 FT, TAX MAP: 21, BLK: 8, PARCE: B32

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)

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

County Name: Howard, County No.: W-511054, State Signature: Kim Maisto, Date Issued: 10/20/98, CO Signature: Kim Maisto, Exp. Date: 11/6/98, North Grid: 522 000, East Grid: 787 000

APPROXIMATE DEPTH OF WELL: 150 FEET

APPROXIMATE DIAMETER OF WELL: 6 inches

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTARY (circled), JETTED AIR-PERCussion, Jetted & DRIVEN ROTARY (Hydraulic Rotary), CABLE REVerse-ROTary, DRive-POINT

REPLACEMENT OR DEEPEINED 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 (circled)
D THIS WELL WILL DEEPEIN AN EXISTING WELL

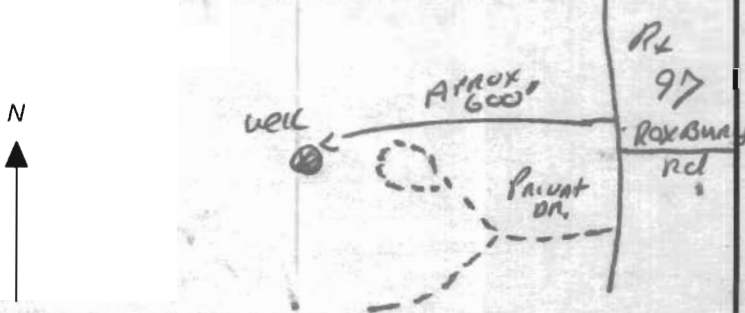
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER: 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 72087, N 5202

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)

APPROX. PERMIT NUMBER: 54, G A P: 83, PERMIT No: HO-94-1960

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

SITE INSPECTION SHEET

OWNER: Raphael Della Ratta

DATE REQUESTED: 10/21/98

ADDRESS: 3890 Route 97

DRILLER: Ralph Mayne

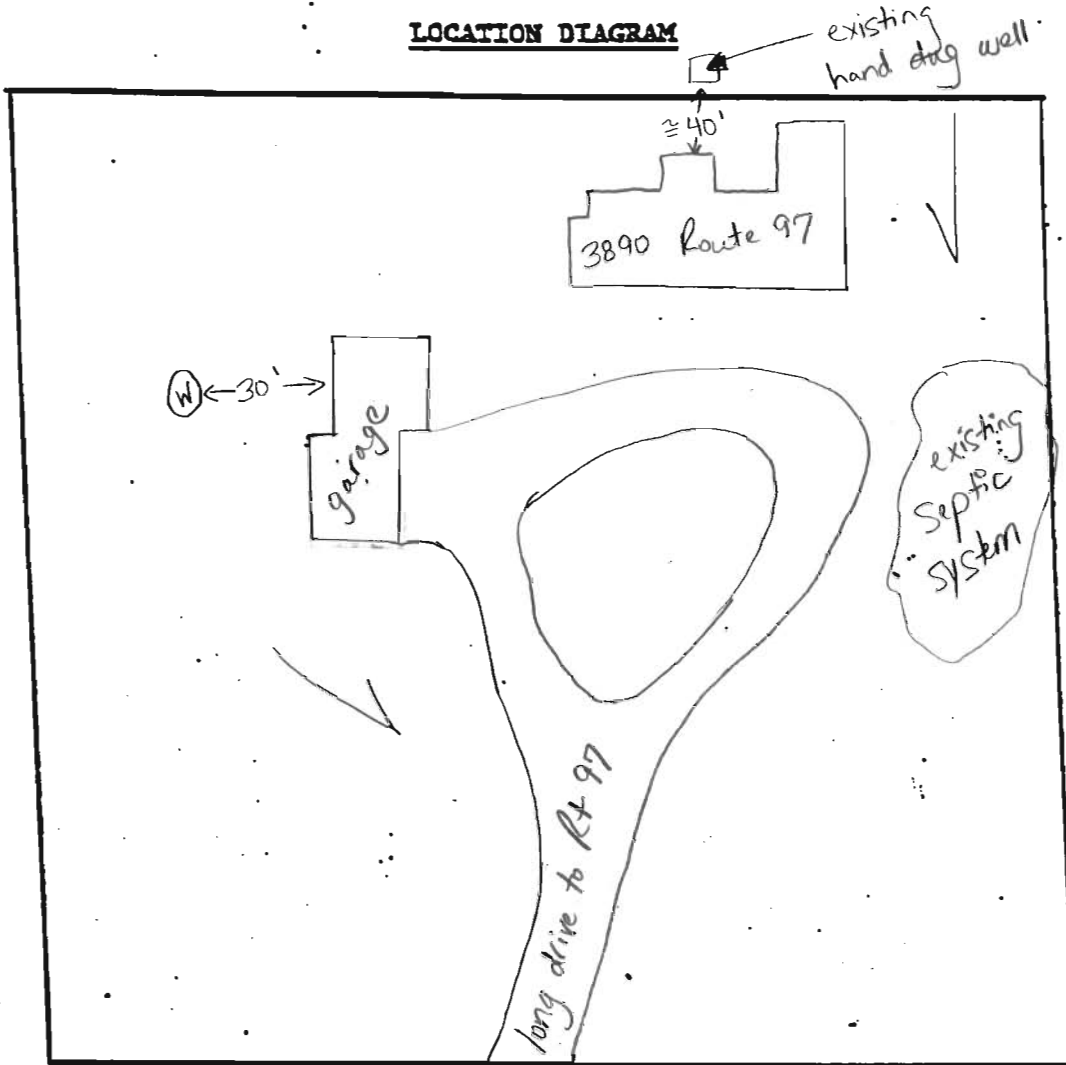
Della Ratta Property

WELL TAG # _____

COUNTY # Howard - F3

PROPOSAL: Standby well.

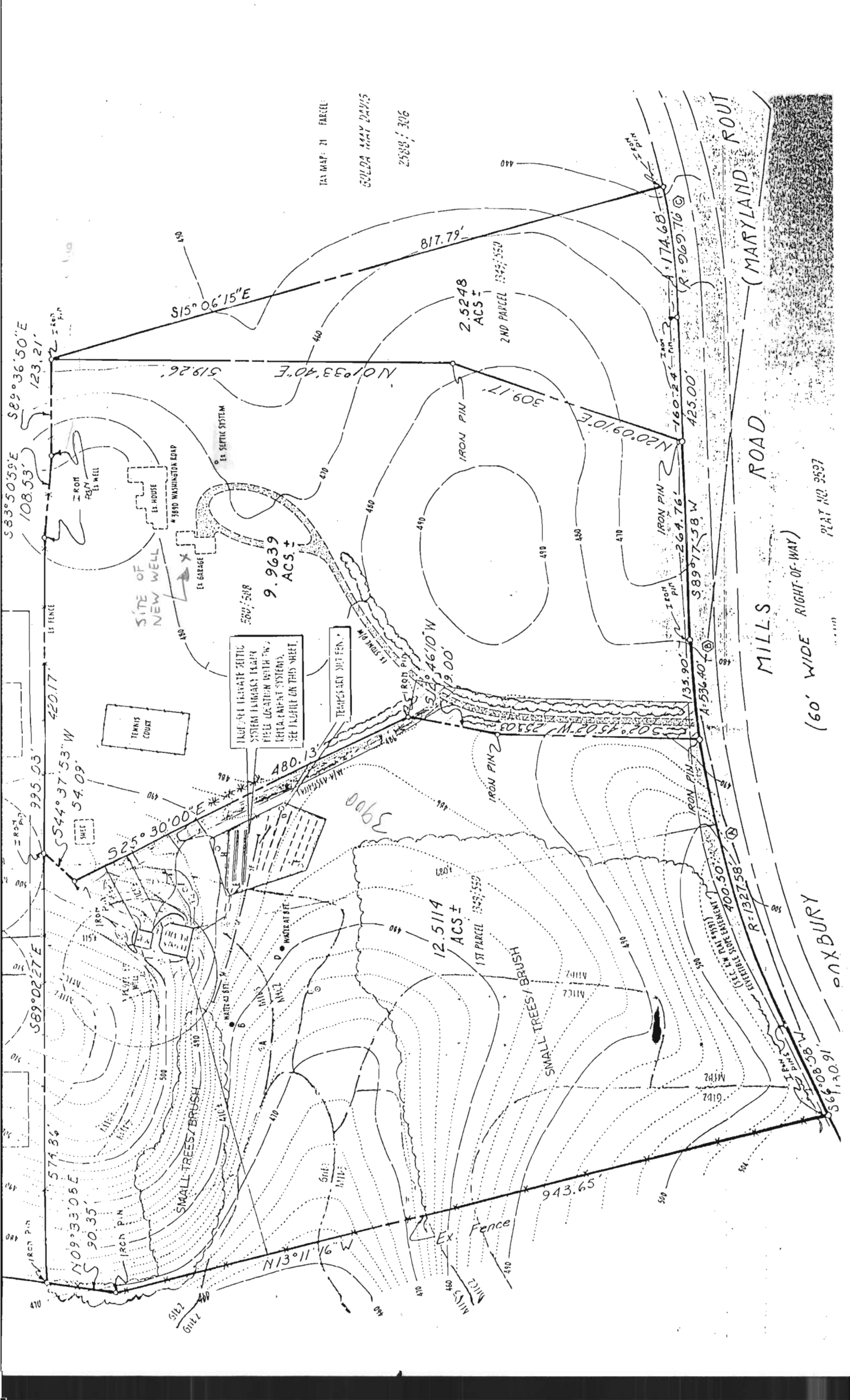
LOCATION DIAGRAM



COMMENTS: 10/27/98 well site ok as staked. Existing hand dug well to be retained. Will contact owner regarding intent of keeping this well.

DATE: 11/6/98

INSPECTOR: Kim Maute



TAX MAP: 21 PARCEL:
 SULLDA MARY DAVIS
 2388, 306

MILLS ROAD (MARYLAND ROUT
 (60' WIDE RIGHT-OF-WAY)
 ONX BURY

PLAT NO. 2537

583°50'55"E
 108.53'

589°36'50"E
 123.21'

589°02'27"E
 995.03'

554°37'53"W
 54.09'

574.86'

509°33'05"E
 90.35'

515°06'15"E
 519.26'

513°11'16"W
 711.9'

N01°33'40"E
 519.26'

817.79'

2.5248
 ACS ±
 2ND PARCEL 1342, 1550

9.9639
 ACS ±
 500, 508

PLUMB LINE WATER SYSTEM
 SYSTEM LOCATION MARKER
 FIELD LOCATION WITH "X"
 LETTERS AND SYSTEMS.
 SEE PLAT ON THIS SHEET.

TEMPERARY SET P.N.

513°46'10"W
 19.00'

12.5114
 ACS ±
 1ST PARCEL 1342, 1550

SMALL TREES / BRUSH

4380 WASHINGTON ROAD
 EX. HOUSE
 EX. GARAGE
 EX. SEPTIC SYSTEM

TENNIS COURT

Ex. Fence

400.50'
 R=1327.58'

135.90'
 A=536.40'

264.76'
 S89°17'58"W

160.24'
 A=174.68'

425.00'
 R=969.76'

569°08'58"W
 569.91'

569°08'58"W
 569.91'

569°08'58"W
 569.91'

569°08'58"W
 569.91'

569°08'58"W
 569.91'

November 2, 1998

Kim Maiste
3525 Ellicott Mills Drive
Suite H
Ellicott City, Maryland
21043

Dear Ms. Maiste:

As follow-up to our conversation earlier today, this letter is to inform you of my intent to retain the existing, hand-dug well located on my property at 3890 Route 97. This is in addition to the newly proposed well to be dug on the same property. The new well will be the primary source of water for the site, and the exclusive source of potable water. I can be reached at home, at 301-854-6174 or at work, at 202-296-2814, extension 18 if you have any questions.

Thank you for your time and attention. I appreciate your efforts on my behalf.

Sincerely,



J. Raphael Della Ratta
3890 Route 97
Glenwood, Maryland
21738

11/2/98

owner has paid well permit fee and knows of contamination issues with retaining hand dug well. Owner still wishes to retain hand dug well for watering lawn and washing cars.

