

10-7-97
ASAP
off the trenching
@ 2:30 or 3:00
10/8/97
Noon
API 10/2/97

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-350760

Needs 2nd House Connection
& Pump Test 12/12/97

Need well abandonment
Report before
Pump Test 2/9/98
P 58523
A 41275
DISTRICT 4th
DATE 06/18/97

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
XXXXXXX 410-313-2640

DATE SYSTEM APPROVED 2/10/98

INSPECTOR DKS

INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 410-795-5674

SUBDIVISION Sharp Farms LOT 21 ROAD 3726 Appleby Court

PROPERTY OWNER Elizabeth H. Magagna

ADDRESS

SEPTIC TANK CAPACITY ~~1250~~ ¹⁵⁰⁰ GALLONS + 1 1500 gallon Mid sear - pump chamber to be used as ST. Now & p.e. in future. 10/7/97 R/P

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

BLDG PERMIT SIGNED
AND RETURNED 6-17-98
Serial # B70112476
above ground part

TRENCHES - Trench to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 370 feet down the 563.08' lot line and 10 feet off this same lot line as seen when facing the lot from the end of the pipestem. Run 1st trench on contour towards the front of the lot, and all other trenches in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 7/8/99 OK ALM

DUE TO ELEVATION PROBLEM -
OK to install system in low side and add 1 pump chamber for future R/P 10/8/97

PLANS APPROVED BY Donna K. Soe DATE 07/01/97

COVER NO WORK UNTIL INSPECTED AND APPROVED 10/8/97 SOIL CONDITIONS FOUND TO BE UNSUITABLE ANY WHERE IN PLANTED BASEMENT - WATER, MOTTLED, SLOW PERMEABILITY

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.**

ONLY SUITABLE SOILS
FOUND TO BE IN
VICINITY OF WELL.
SEE ATTACHED CORRESP.
(CW)

A 41275

APPLICATION

A 41275

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4th
DATE 3/24/88

WET SEASON

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.

PROPERTY OWNER CHARLES A. SHARP Elizabeth H. Miraglia

ADDRESS 3779 SHARP ROAD, GLENWOOD, MD. 21738 PHONE 489-4630

PROPERTY LOCATION:

SUBDIVISION SHARP FARMS, LOTS 1-16 LOT NO. 28 on 5 Final

ROAD AND DESCRIPTION N.W. OF INTERSECTION BETWEEN SHARP ROAD AND SHADY LANE (3726 Appleby Court)

SIZE OF LOT 5.24 AC. ± TYPE BLDG. S.F.D. - 4 BEDROOM
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT _____

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMITS DENIED AND RETURNED 7-1-97
Serial # 489 106156
SFD

THIS IS NOT A PERMIT

(A 41275)

New # 21 23

#5

Fund lot 21

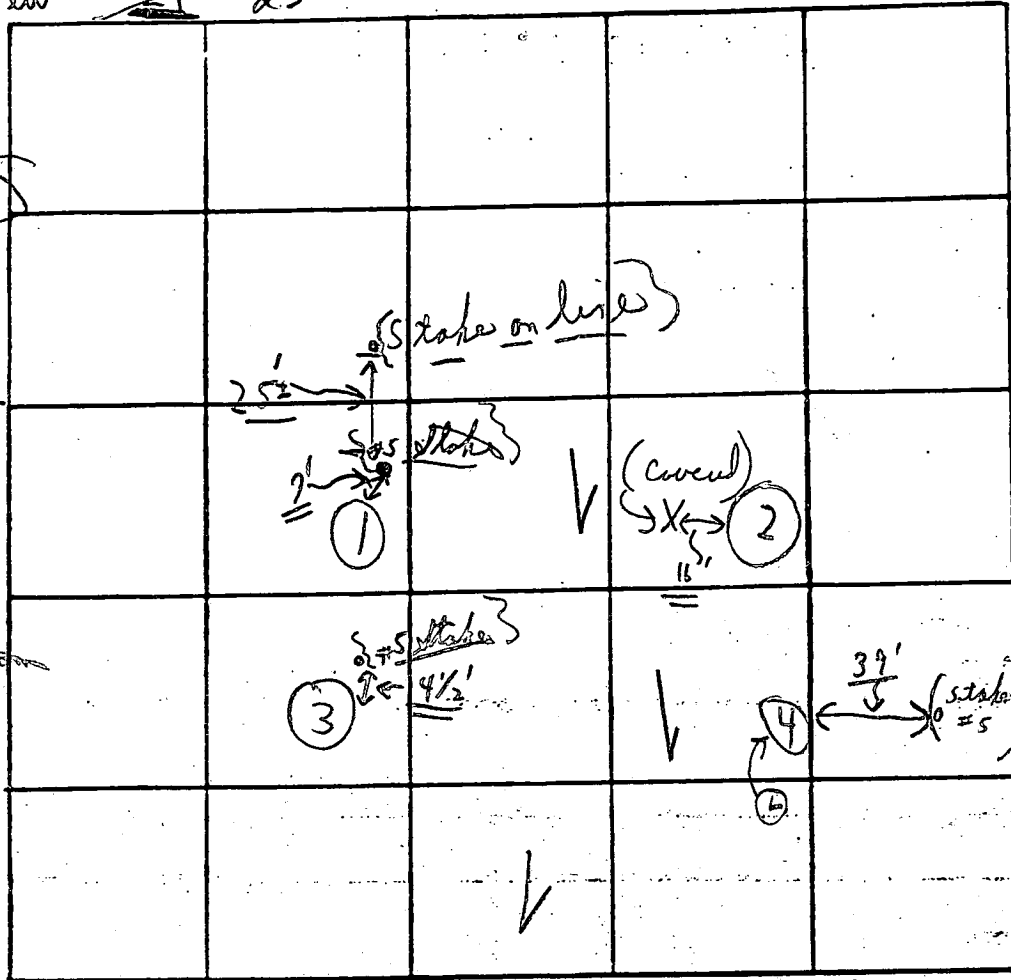
SOIL PROFILE

(4 holes) BELOW - T. SOIL

CLAY

SANDY LOAM

+ CLAY at bottom



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Trees (Hedge row)

19 min average

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/27/89	✓ ①	2' 8"	11:25	11:31	11:31	11:46	15 min	
		12 1/2'	← Water →					
	✓ ②	3 1/2'	11:27	11:33	11:33	11:44	11 min	
		11'	← Water →					
		3 pt. 1'	11:32	11:36	11:36	11:41	5 min	
	✓ ③	11 1/2'	← WATER →					
		2' 9"	11:38	11:47	11:47	12:06	19 min	
	④	11 1/2' to 12'	← "WATER" →					
							To move peak area up hill 70-100' off line	

Inlet 3'

3' wide trenches

Some loam
Some mixed loam
Spotty sand

part 4/00
{ Water comb
in from
surface }

REMARKS 3/27 TESTS PER STAKE ; Holes dug at arrival.

TYPE OF SOIL " IN OPEN Recommend keep per area

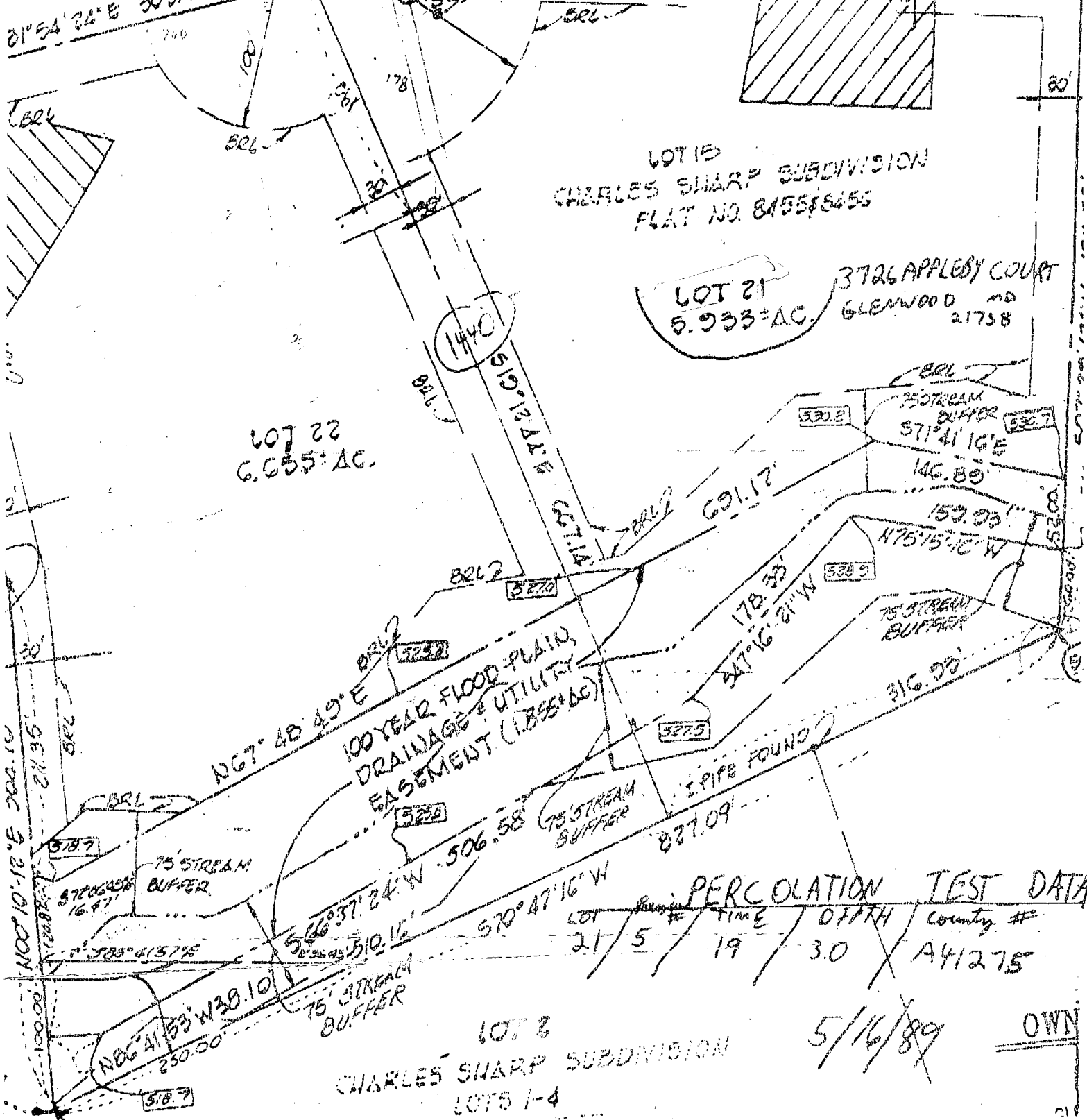
TESTED BY C. B. D. ALSO PRESENT: Mr. C. [unclear] above
(1) Backhoe Bill
(?) Town + Country

APPLEBY COURT LOT 21

George Shown Koutroumpis
 6509 Facchina Lane
 Glen Dale Md.
 20769

SHEET NO. 2

MATCH



LOT 15
 CHARLES SHARP SUBDIVISION
 FLAT NO. 84555655

LOT 21
 5.933± AC.
 3726 APPLEBY COURT
 GLENWOOD MD
 21758

LOT 22
 6.655± AC.

PERCOLATION TEST DATA

LOT #	TIME	DEPTH	County #
21	5	19	3.0

LOT 2
 CHARLES SHARP SUBDIVISION
 LOTS 1-4

5/16/89

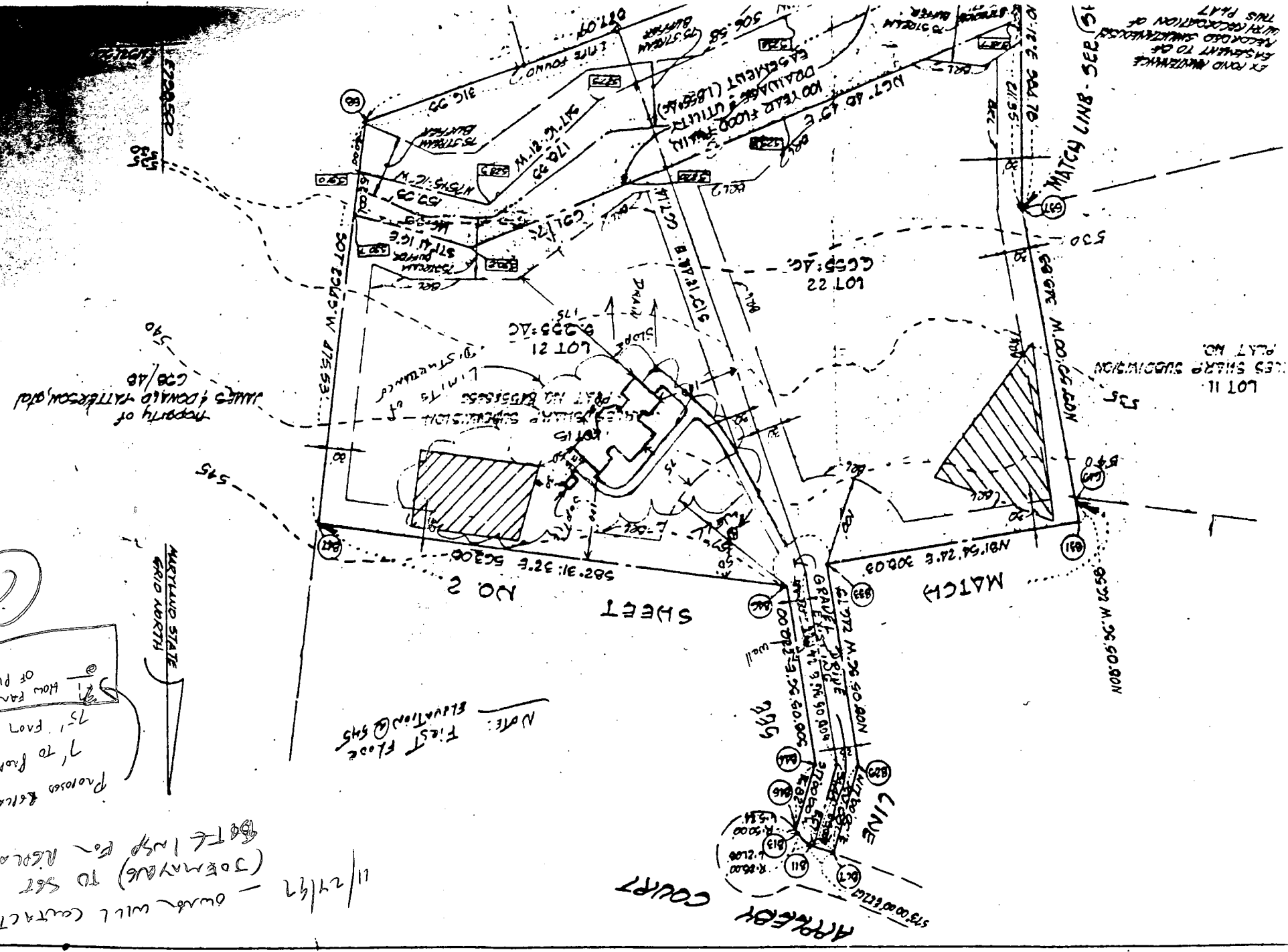
OWN

11/24/97 - owner will contact Diller (SOMERVA) to set up site map for ASSESSMENT with

Proposed placement will sit 7' to property line
 75' from PEE 846
 How far to EDBE
 of planned driveway



METLAND STATE
 GRID NORTH



NOTE: FIRST FLOOR
 ELEVATION @ 545

APPROX COURT

MATCH

LINE

MATCH

MATCH LINE - SEE 15

MATCH LINE - SEE 15

EX FOND PARTNERSHIP
 ENDEAVOR TO BE
 RECORDED SUBDIVISION
 WITH RECORDATION OF
 THIS PLAT

LOT 11
 LESS SHARE SUBDIVISION
 ON PLAT NO.

11/24/97 11:31

To: Elizabeth H. Magagna
3779 Sharp Rd
Glenwood, MD 21738

cc: Fogle's Septics

Re: Sharp Farms lot 21
2726 Appleby Court

From: Ronald F. Key
W+S Program

NOT SENT
NOBTIN HOLD
WEEK ON AVO

The installed Septic System has not been approved for service because of problems encountered during its installation.

The shallow Septic Trenches were excavated and gravel filled in the lowermost portion of the previously approved Sewage Disposal Easement. A tentative agreement was made with the septic contractor and property owner, to allow this system to be installed at that spot, rather than the customary highest part of the septic area, because of difficulty getting gravity flow to all part of the system given the existing house connection in vert elevation.

An excavation near the end of the lowermost septic trench showed mottled soil colors + structure, ^{in the lower half of the 4 1/2 ft depth} normally associated with seasonally high groundwater levels. This soil condition was acknowledged by the septic contractor as appearing in most or all of the septic trenches already installed, as well as in a test hole he open near the highest corner of the septic area.

(over)

The proper treatment of sewerage as well as the proper function of the septic system under these conditions is of concern to this department. We are therefore

requesting you contact myself or Mr Craig Williams

ARRANGE A MEETING
to discuss this matter and possible solutions,

at your earliest convenience at 410-313-2640.



HOWARD COUNTY HEALTH DEPARTMENT

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

October 24, 1997

Mr and Mrs. Mark Magagna
3779 Sharp Road
Glenwood, Maryland 21738

RE: Sharp Farms - Lot 21
3726 Appleby Court

Dear Mr and Mrs. Magagna:


The installed septic system on the above referenced property has not been approved for service because of problems encountered during the installation.

Site elevations differed from the approved site plan to the extent that the septic system could not be installed where they were intended. Disposal trenches excavated at an alternate location show strong evidence of seasonal water table which are inappropriate for proper septic system function.

Please call this office (410-313-2640) to arrange a meeting to discuss in greater detail, the nature of the problem and options for remediation.

Thank you for your cooperation in this matter.

Very truly yours,


Ronald J. Finkley, R.S.
Water and Sewerage Program

RJP:jr

cc: Fogle's Septic Clean, Inc.
File



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer
November 26, 1997

Ms. Elizabeth Magagna
3922 MacAlpine Rd.
Ellicott City, Md. 21042

Re: Septic System Installation
Sharp Farm Subdivision - Lot 21
3726 Appleby Ct.

Dear Ms Magagna,

We had previously contacted you with concerns regarding the septic system under construction at the above referenced property. Soil conditions where the disposal trenches had been installed were found to be unsuitable due to strong signs of seasonal and perched water table limitations.

Subsequent site evaluation determined that the only area suitable for conventional trench installation was at the front of the lot, in the immediate vicinity of the well. Site conditions did not seem promising elsewhere on the property for either a sand mound septic system or any other alternative design system; nor did there appear to be any opportunity for an installation of an off-site septic system.

Lacking any other apparent solution, it is the recommendation of this office that the existing well be relocated in order to facilitate installation of conventional disposal trenches in that part of the property currently encumbered by the well.

Please advise as to your intent to proceed in this fashion unless you feel that there remains another option which has not yet been given full consideration.

Thank you for your cooperation in this matter.

Very truly yours,

Craig Williams
Craig Williams, Program Director
Water and Sewerage Program

12/8/97
PHONE CALL FROM
MS MAGAGNA REQUESTING
TRENCH LAYOUT INSPECTION
PRIOR TO REPLACING WELL,
CW: jr SITE INSP. SCHEDULED
FOR 3 PM THIS DATE
cc: Dale Fogle
Chuck Sharp
File



HOWARD COUNTY HEALTH DEPARTMENT

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

December 4, 1997

Ms. Elizabeth Magagna
3922 MacAlpine Road
Ellicott City, Maryland 21042

RE: Sharp Farms, Lot #21
3726 Appleby Court

Dear Ms. Magagna:

This is to advise that a permit (#HO-94-1343) has been issued for Mr. Easterday to drill a replacement well on the above referenced property. As agreed by you at the site, the location approved for the replacement well is approximately 53 feet off the left rear of the house. The preferred location of the well in the pipestem could not be accommodated due to the location of the electric line and the driveway.

Now that the issue of the replacement well has been resolved, a plan can be generated to install sewage disposal trenches in the area of the existing well, which shall be abandoned. Trench dimensions (i.e., total length, depth and width) would be the same as specified on the original installation permit. The location and orientation of the trenches will be modified to suit existing site conditions.

If you wish to prepare the necessary site plan, it is requested that you contact me at (410) 313-2640 to schedule an appointment. Otherwise, please contact an engineer or licensed surveyor to prepare the requested plan.

Thank you for your cooperation and patience in this arduous situation. Please contact me if you have any other questions or concerns.

Sincerely,
Craig Williams, Program Director
Water and Sewerage Program

[Handwritten signature of Craig Williams]

12/8/97 MET AT SITE
ELIZ MAGAGNA
MARK MAGAGNA
COAT (FOGLE'S)
RON PINKNEY
CRAIG WILLIAMS

REVIEWED
APPROXIMATE
TRENCH LAYOUT
SUBJECT TO CONTRACTORS
"TRANSIT" VERIFICATION
AGREED TRENCH INSTALLATION COULD OCCUR

cc: Fogle's Septic Clean, Inc.
Chuck Sharp
file

PAID TO WELL REPLACEMENT
PROVIDED TRENCHES WERE NOT
CONNECTED & SERVICEABLE
UNTIL WELL WAS ABANDONED, (CW)

C1 09441

SEQUENCE NO. (MDE USE ONLY)

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 41275

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED 1/20/98

DATE WELL COMPLETED 12 22 97

Depth of Well 500 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 140-94-1343

OWNER Margaret Elizabeth STREET OR RFD 226 Appleby COURT TOWN SUBDIVISION SHARP FARMS SECTION LOT 21

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sand Stone, Gravel, Silt, Clay, Green Mica, Sand Stone, Mica, Flint + Mica.

GROUTING RECORD form with fields for GROUTED (Y), MATERIAL (CM, BC), BAGS (11), POUNDS (1100), GALLONS (55), DEPTH OF GROUT SEAL.

CASING RECORD form with fields for CASING TYPE (ST), MAIN CASING TYPE (ST), NOMINAL DIAMETER (6), TOTAL DEPTH (100).

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

SCREEN RECORD form with fields for SCREEN TYPE (ST), BRASS (BR), OPEN HOLE (HO), PLASTIC (PL), OTHER (OT).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y)

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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 MW D. 040 BEAR F. GARDNER DRILLERS SIGNATURE

LIC. NO. 1 MW D 501 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

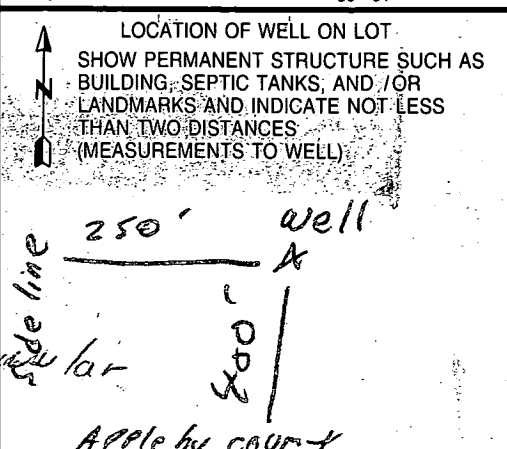
DEPTH (nearest ft.) table with columns for depth ranges (1-8, 9-11, 12-15, 16-19, 20-23, 24-26, 27-30, 31-33, 34-37, 38-40, 41-43, 44-46, 47-49, 50-52) and values (HG, 98, 500).

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) 30' T.E.P.S. (E.P.O.S.)

PUMPING TEST form with fields for HOURS PUMPED (6), PUMPING RATE (1.75), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (10 ft. before, 212 ft. when pumping), TYPE OF PUMP USED (S submersible).

PUMP INSTALLED form with fields for DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY (31), PUMP HORSE POWER (37), PUMP COLUMN LENGTH (43), CASING HEIGHT (+49 above, -2 below).



B 1 **5348** SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL. STATE PERMIT NUMBER **HO-94-1343**
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) please print or type fill in this form completely

Date Received (APA) **12 02 97** OWNER INFORMATION **RN 7276**
 8 MM DD YY 13
Magagna Elizabeth
 15 Last Name Owner First Name 34
3726 Appleby Court
 36 Street or RFD 55
Glenwood, Md. 21738
 57 Town 70 State 72 Zip 76

B 3 **Howard** LOCATION OF WELL CO#
 8 COUNTY 21
Sharp Farms
 23 SUBDIVISION 42
 SECTION **44 46** LOT **21** 48 50
Glenelg
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **2** M 73 76 77 78

DRILLER INFORMATION
George F. Easterday M WD 040
 Driller's Name 76 License No. 81
L. Franklin Easterday, Inc.
 Firm Name
9265 Brown Church Rd., MT. Airy, Md. 21771
 Address
George F. Easterday 12/2/97
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

3726 Appleby Ct
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 **400** 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39
 TAX MAP: BLK: PARCEL:

B 2 WELL INFORMATION
 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**
 14 20

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD **A 4275**
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE INSERT S →
 DATE ISSUED **12/2/97** **Sumo-Kee** 12/1/98
 43 MM DD YY 48 CO SIGNATURE EXP. DATE
 NORTH GRID **523 000** EAST GRID **0798 000**
 50 55 57 63

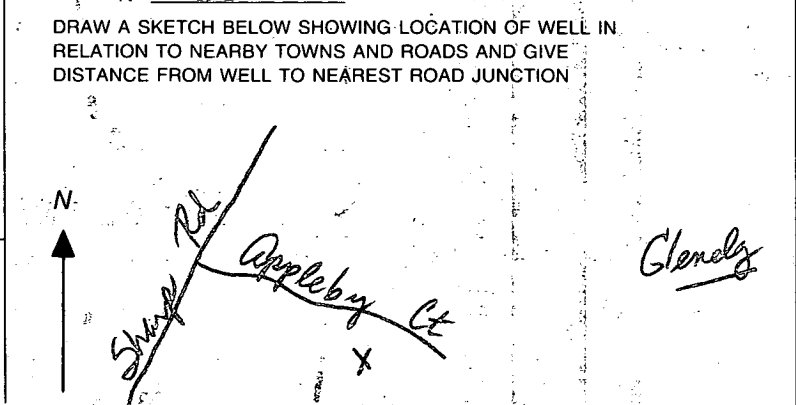
APPROXIMATE DEPTH OF WELL **300** FEET
 24 28
 APPROXIMATE DIAMETER OF WELL **6** INCH
 NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 30 **AIR-ROTARY** AIR-PERCussion ROTARY (Hydraulic Rotary)
 37 CABLE REVerse-ROTary DRive-POINT
 other

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
 39 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) 41 **HO-94-0095** 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER **GAP** 54 63
 FORCE **DS** WRITE INITIALS IN BOX PERMIT No. **HO-94-1343**
 67 68 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. wells
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **790** 000 000
 N **520**



(mark)

SITE INSPECTION SHEET

OWNER: MAGAGNA

DATE REQUESTED: 12/2/97

ADDRESS: LOT 21 SHAW FARM

DRILLER: Easterday

APPLEBY CT

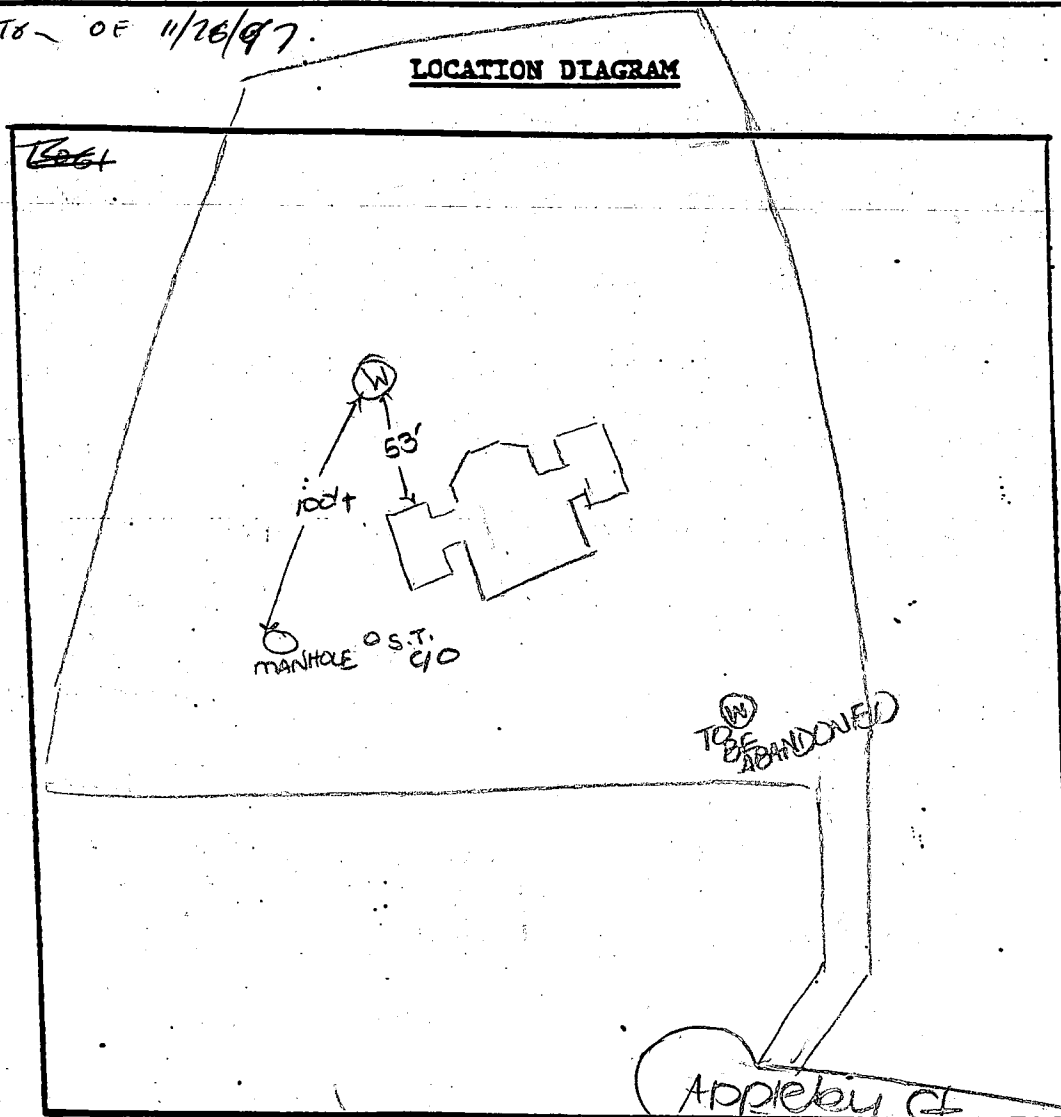
WELL TAG # 94-1343

REPLACING HO-94-0095

COUNTY # _____

PROPOSAL: RWSI - NEED TO ABANDON EXISTING WELL HO-94-0095
IN ORDER TO MAKE REQUIRED CHANGE IN LOCATION OF SEPTIC SYSTEM,
RG; LOTS - OF 11/26/97.

LOCATION DIAGRAM



COMMENTS: LOGICAL WELL SITE IS IN PIPESTEM (SHARED DRIVEWAY ACCESS)
NEED TO BE CLEAR AS TO INTENDED CLOSEST PORTION OF PAULING (W)
WELL SITE OK AS STATED. (RS)

DATE: 12/2/97

INSPECTOR: [Signature]

C1 5180

SEQUENCE NO. (DENV USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 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 A41275

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

060194

061074

22 165 26 (TO NEAREST FOOT)

40-94-0095

OWNER George Koutroumpis last name first name

STREET OR RFD SUBDIVISION Sharp Farm SECTION TOWN GAITHERSBURG LOT 21

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for SAND (0-92) and GRAVELLY SAND (92-165).

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 30 NO. OF POUNDS 2820

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 70 ft

CASING RECORD MAIN CASING TYPE STEEL CONCRETE PLASTIC OTHER

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

SCREEN RECORD screen-type or open hole insert appropriate code below

Table for screen depth with columns for depth (nearest ft) and rows for screen sections.

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 26.04.04

DRILLERS IDENT. NO. 24

DRILLERS SIGNATURE

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.) 150

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 15 WHEN PUMPING 47

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 WILL INSTALL PUMP (CIRCLE) YES or NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

See Attached location

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION
 2500 BROENING HIGHWAY, BALTIMORE, MARYLAND 21224, (410) 631-3784

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: Jan 7, 98 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any)

HO -94 -0095

* PERMIT NUMBER OF REPLACEMENT WELL

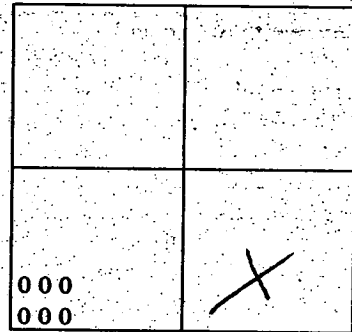
HO -94 -1343

* PERSON ABANDONING WELL: Darren E Wilson

WELL DRILLERS LICENSE NUMBER: _____
 CIRCLE: MWD/MSD/MGD

* OWNER'S NAME: Elizabeth Magagna

* WELL LOCATION: 3726 Appleby Ct
 COUNTY: Howard
 NEAREST TOWN: Glenn
 TAX MAP 9E9 BLOCK _____ PARCEL _____
 SUBDIVISION: _____
 SECTION: _____ LOT: _____
 NEAREST ROAD: Sharp Rd



SHOW WELL LOCATION BY X WITHIN BOX

MARYLAND GRID COORDINATES 794
 BOX NUMBER E 821
 N _____

* TYPE OF WELL BEING ABANDONED:

- DRILLED
- BORED/AUGURED
- OTHER (specify) _____
- JETTED
- HAND DUG

USE CODE:

- DOMESTIC
- IRRIGATION
- TEST/OBSERVATION
- MUNICIPAL/PUBLIC
- INDUSTRIAL

* TYPE OF CASING:

- STEEL
- CONCRETE
- PLASTIC
- OTHER (specify) _____

* SIZE OF CASING: 6" INCHES IN DIAMETER

* DEPTH OF WELL: 166 FEET DEEP

* WAS ANY CASING REMOVED? YES _____ NO
 if yes, length removed, in feet: 3ft

* WAS CASING RIPPED OR PERFORATED? _____ YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Gravel	166	100
Bentonite	100	80
	80	3

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN
Franklin Eastday

LICENSE # 269

EGW
PT
 MWD/MSD/MGD
 CIRCLE ONE
1-7-98
 DATE

B 1 **06858** SEQUENCE NO. (DP USE ONLY)
1 2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
40-94-0095
70 fill in this form completely 78

Date Received (APA) **060194**
8 13
KOUTKOUNPIS GEORGE
15 Last Name 34 Owner First Name
6509 FACEHWA LANE
36 Street or RFD 55
GLENDALE **MOZOTZCZ**
57 Town 70 State 72 Zip 76

DRILLER INFORMATION
Joseph L. Wayne **24**
Driller's Name 77 License No. 80
Joseph L. Wayne Well Drilling Inc
Firm Name
5512 Ridge Rd. Mt. Airy, 21771
Address
Joseph L. Wayne **5/31/94**
Signature Date

WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) **5**
8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**
14 20

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

APPROXIMATE DEPTH OF WELL **250** FEET
24 28

APPROXIMATE DIAMETER OF WELL **6** INCH
NEAREST INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
30 37
CABLE REVERSE-ROTary DRIVE-POINT
other

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
39 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER **GAP**
54 63
FORCE **M** WRITE INITIALS IN BOX PERMIT No. **40-94-0095**
67 68 70 71 72 73 74 75 76 77 78 79

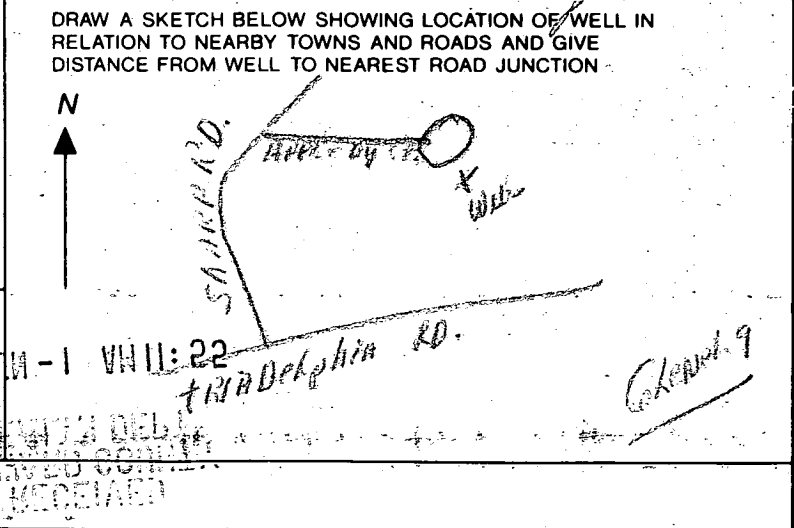
SPECIAL CONDITIONS

LOCATION OF WELL
1 2
HOWARD
8 COUNTY 21
SHARD FARM
23 SUBDIVISION 42
SECTION **21**
44 46 48 50
DREWELE
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) **MI**
73 76 77 78

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
N W E S
8-9 8-9 8-9 8-9
TOWN
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH WEST EAST SOUTH
NEAR WHAT ROAD **APPLEBY CT** 11 30
DISTANCE FROM ROAD **5** FT
34 37 ENTER FT or MI **FT**
38 39

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard County **A41275**
COUNTY NAME COUNTY NO.
STATE SIGNATURE _____ INSERT S _____ 41
DATE ISSUED **060394** **A.M. TRUKO** **6/3/95**
43 48 CO SIGNATURE EXP. DATE
NORTH GRID **523000** EAST GRID **0798000**
50 55 57

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 **790**
N **520**
000 000
6/10/94 9:30 AM Great D.P.N.E
5:10:45 - done
Well drilled along trench
30 Bags of Cement
96' casing per well
90' open drill
1 1/2' casing above ground
Twp on at 1/2 mile



COUNTY

APPLEBY COURT

LOT 21

George Sharon Koutromp's
6509 Facchina Lane
Glen Dale Md.
20769

6/3/94
well site
OK as stated
A.M. Miller

SHEET NO. 2

582°31'32"E 562.08'

MATCH

81°54'24"E 303.03'

LOT 21
CHARLES SHARP SUBDIVISION
FLAT NO. 815515656

3726 APPLEBY COURT
GLENWOOD MD
21738
5.933±AC.

LOT 22
6.655±AC.

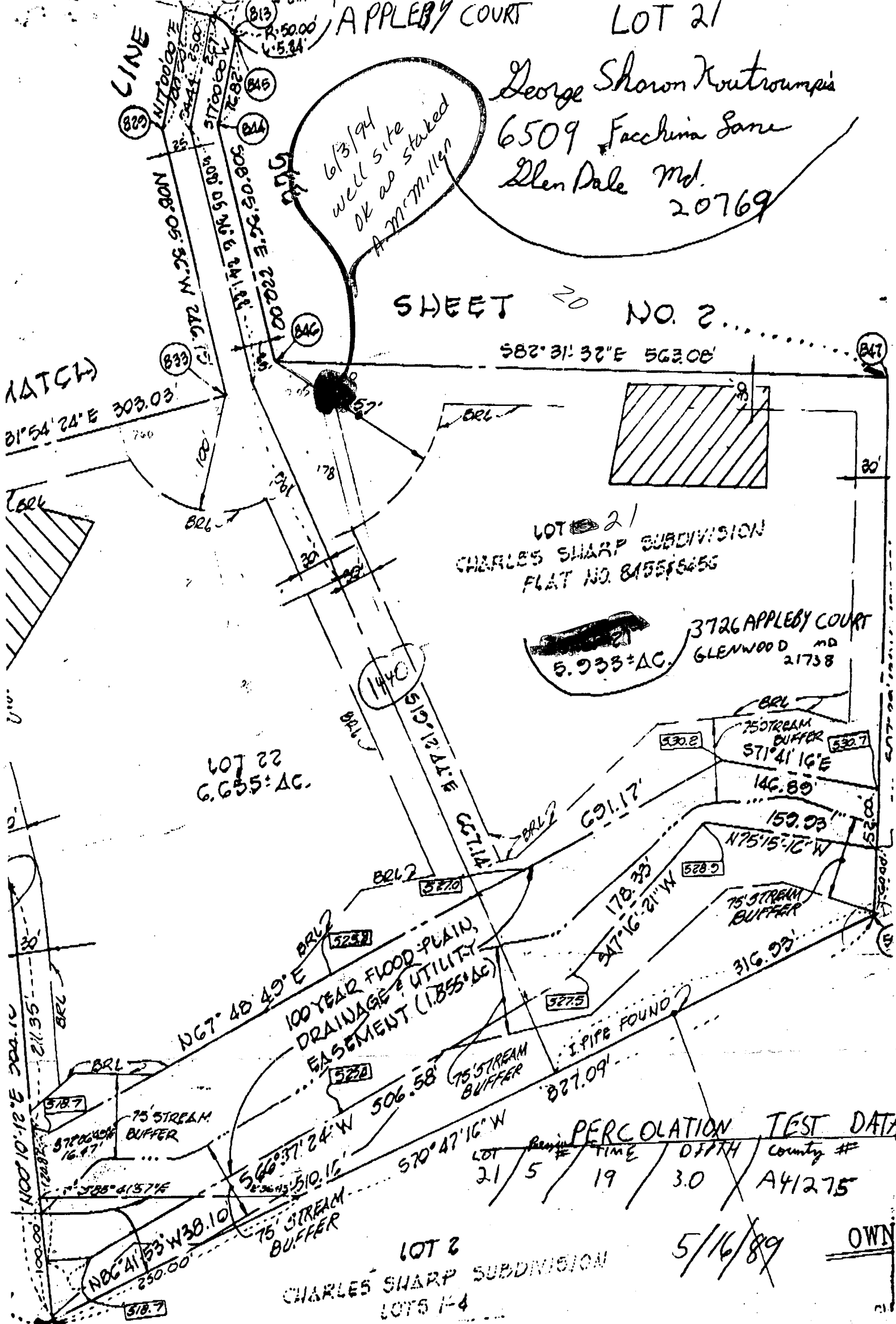
100 YEAR FLOOD PLAIN,
DRAINAGE & UTILITY
EASEMENT (1.855±AC)

PERCOLATION TEST DATA			
LOT #	Remainder TIME	DEPTH	County #
21	5	19	3.0
			A41275

LOT 2
CHARLES SHARP SUBDIVISION
LOTS 1-4

5/16/89

OWN



HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-N Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer HUGHES P&H INC.

Telephone (410) 848-7661

License Number MD-12916

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner MARK MAGAGNA

Telephone (410) 465-2439

Subdivision SHARP FARMS Lot # 21

Well Tag # HO-94-0095

Site Address 3726 APPLER CT

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make RED JACKET
- Model # _____
- 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 1/2
- RPM 3450
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make MARTINSON
- Model # B-10-X
- Depth 30 FT.

Tank

- Capacity 70 GPM
- Pressure relief valve? 75 psi

Piping

- Type PLASTIC
- Size 1"
- NSF and/or BOCA Code approved
- Depth of supply line 42'

Well data

- Depth 165 ft.
- Yield 15 GPM
- Static water level 15 ft.
- 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.

Signature of Applicant: [Signature]

Date: 10/26/97

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

~~127~~
Department of Planning and Zoning
Howard County, Maryland
Recommendations/Comments

Date: 7/24/97

Planning Board 8/28/97 Board of Appeals 9/11/97 Zoning Board _____

Petition No. BA 97-45E Map No. 21 Block 18 Parcel 86 & p/o 202 Lot 21

Return comments by 8/11/97 to Comprehensive Planning and Zoning Administration.

Location of Property: S side of Appleby Ct.

Applicant: Elizabeth H. Magagna

Applicant's Address: 3922 MacAlpine Road, Ellicott City, MD 21042

Owner: (if other than applicant) _____

Owner's Address: _____

Petition: Special exception for a two-family dwelling.

TO:

- Department of Education
- Bureau of Environmental Health
- Development Engineering Division
- Department of Inspections, Licenses and Permits
- Department of Recreation and Parks
- Department of Fire and Rescue Services
- State Highway Administration
- Mark Patemi, Howard County Police Department
- James Irvin, Department of Public Works
- MD Depart. of Human Resources, Fran Sterner (child day care)
- Office on Aging, Debbi Louis (senior assisted living)
- Police Department, Animal Control, Brenda Purvis (kennels)

COMMENTS: A separate 10,000-square-foot sewage easement is required for the second dwelling unit (perc test needed)

Mark E. Refkin 8/14/97
(Signature)

SPECIAL EXCEPTION PETITION
TO THE HOWARD COUNTY BOARD OF APPEALS

7 JUL 27 AM 10:01

For DPZ office use only:
CASE NO. BA 97-45E
DATE FILED 7/22/97
DATE ACCEPTED _____
FOR SCHEDULING _____

1. PETITIONER'S NAME Elizabeth H. Magagna
~~TRADING AS (IF APPLICABLE)~~ 3922 Mac Alpine Rd.
ADDRESS Ellicott City, Maryland 21042
PHONE NO. (W) _____ (H) (410) 465-2439

2. COUNSEL FOR PETITIONER N/A
COUNSEL'S ADDRESS _____
COUNSEL'S PHONE NO. _____

3. PROPERTY IDENTIFICATION:
ADDRESS OF SUBJECT PROPERTY 3726 Appleby Court
Glenwood, Maryland
TOTAL ACREAGE OF PROPERTY 6.2 acres

PROPERTY LOCATION:
ELECTION DISTRICT: 4th ZONING DISTRICT: RR-DEO
TAX MAP # 21 BLOCK # 18 PARCEL/LOT # 86* part of 202/lot 21
SUBDIVISION NAME (if applicable): Sharp Farms

4. PETITIONER'S INTEREST IN SUBJECT PROPERTY:
 OWNER (including joint ownership) OTHER (describe and give name and address of owner)

If the Petitioner is not the owner of the subject property, documentation from the owner authorizing the petition must accompany this petition.

PLEASE READ CAREFULLY
DATA TO ACCOMPANY PETITION:

5. SPECIAL EXCEPTION PLAN:

If the petition is approved, the special exception plan, subject to modifications and conditions required by the Board of Appeals, will be made a part of the Board's Decision and Order. The special exception plan must be drawn to scale and must include the items listed below:

- (a) Courses and distances of outline boundary lines and the size of the property
- (b) North arrow.
- (c) Zoning of subject property and adjoining property.
- (d) Scale of plan.
- (e) Existing and proposed uses, structures, natural features and landscaping.
- (f) Location and surface material of existing and proposed parking spaces, driveways, and points of access; number of existing and proposed parking spaces.
- (g) Same as (e) and (f) above, of any adjoining property as necessary for proper examination of the petition.
- (h) Location of well and private sewerage easement area, if property is to be served by private water and sewer.
- (i) Election District in which the subject property is located.
- (j) Tax Map and parcel number on which the subject property is located.
- (k) Name of local community in which the subject property is located or name of nearby community.
- (l) Name and mailing address of the petitioner.
- (m) Name and mailing address of attorney, if any.
- (n) Name and mailing address of property owner.
- (o) Floor area and height of structures, setback distances from property lines, and other numerical values necessary for the examination of the petition.
- (p) Location of subject property in relation, by approximate dimension, to the center line of nearest intersection of two public roads.
- (q) Ownership of effected roads.
- (r) A detailed description of all exterior building materials for all proposed structures.
- (s) Any other information as may be necessary for full and proper consideration of the petition.

Go to page 3.

6. SPECIAL EXCEPTION REQUEST.

The undersigned hereby petition the Board of Appeals for approval of a special exception under section(s) 131.N. 57 of the Zoning Regulations for the following use: TWO FAMILY DWELLING

7. DESCRIPTION OF PROPOSED USE:

The following items are intended to be answered by summary statements; the answers may be given below or attached to this petition form if additional space is needed:

A) The present use of the subject property: Vacant

B) The specific proposed use of the subject property: _____

Approx 1258 sq. ft. In-law Dwelling -
1258 sq. ft in a single family detached Dwelling

C) A detailed description of the proposed use, including, where applicable: types of activities; hours of operation; number of employees, occupants, and customers; quantity and types of vehicles: _____

Residential use only

D) Additional information which will be needed to determine whether the special exception complies with the specific requirements of the applicable subsection within section 131.N. of the Zoning Regulations: _____

There will not constitute a
nuisance due to large lot size (six acres)
and parking space in garage plus additional
space on driveway.

Go to page 4.

E) How will the special exception affect the adjacent and vicinal properties? No effect.

F) Any other factors which the Petitioner desires the Board to consider: Will present to board at hearing.

8. PRIOR PETITIONS:

Has any petition for the same, or substantially the same, special exception as contained herein for the same property as the subject of this petition been disapproved by the Board of Appeals within twenty four (24) months of the date of this petition?

() YES (X) NO If yes, and six (6) months have elapsed since the last hearing, an affidavit setting forth new and different grounds on which re-submittal is based must be attached.

ADDITIONAL MATERIAL, FEES, POSTING AND ADVERTISING.

A) If desired, supplemental pages may be attached to the petition. The following number of petitions, plans and supplemental pages must be submitted:

- 28 copies if the subject property adjoins a State road.
- 24 copies if the subject property adjoins a County road.

B) The undersigned agrees to furnish such additional plats, plans, reports, or other materials as may be required by the Department of Planning and Zoning and/or the Board of Appeals in connection with the filing of this petition.

The undersigned agrees to pay all costs in accordance with the current schedule of fees.

Go to page 5.

The undersigned also agrees to properly post the property at least thirty (30) days immediately prior to the hearing and to maintain the property posters as required and submit an affidavit of posting at, or before the time of the hearing. The undersigned also agrees to insert legal notices, to be published one (1) time in at least two (2) newspapers of general circulation in Howard County, as prepared and approved by the Department of Planning and Zoning, within at least thirty (30) days prior to the hearing, and to pay for such advertising costs; and further agrees to submit two (2) approved certificates of the text and publication date(s) of the advertisement at or before the time of the hearing.

9. SIGNATURES.

The undersigned hereby affirms that all of the statements and information contained in, or filed with, this petition are true and correct.

The undersigned has read the instructions on this form, filing herewith all of the required accompanying information.

Signature of Attorney

Elizabeth A. Morgagna

Signature of Petitioner

For DPZ office use only: (Filing fee is \$650.00 plus \$15.00 per poster)

Hearing fee: \$ _____

Poster fee: \$ _____

TOTAL: \$ _____

Receipt No. _____

(Make checks payable to "Director of Finance")

Go to page 6.

10. PETITIONERS MUST INITIAL ONE OF THE FOLLOWING:

EYM I wish to have a hearing date set by the Board of Appeals as soon as possible. I understand that the scheduled hearing date may be several months from now. I also understand that once a hearing date has been set, I cannot request a postponement or continuance, absent any extraordinary circumstances as determined by the Board.

I wish to have the Board of Appeals wait until after receiving the Planning Board recommendation before scheduling a hearing date for my case. By so doing, I may be allowed a postponement or continuance in order to amend and resubmit my petition if the petition receives an unfavorable recommendation. This resubmission would be made to the Department of Planning and Zoning and to the Planning Board. Postponement or continuance of the Planning Board meeting will allow consideration of an amended petition by the Planning Board and other County agencies.

11. GENERAL STANDARDS:

Petitioner must note that in addition to the specific requirements of the appropriate subsection within section 131.N of the Zoning Regulations, that special exceptions within residential developments in the R-ED, R-SC, R-SA-8, R-A-15, R-MH or R-VH districts are subject to the standards enumerated in section 131.C. All requests for special exceptions must meet the following general standards set forth in section 131.B. of the Zoning Regulations for approval:

1. The location and size of the use, the nature and intensity of the operation involved in (or conducted in connection with) the use, the size of the site in relation to the use, and the location of the site with respect to the streets giving access to the site are such that the use will be in harmony with the land uses and policies indicated in the Howard County General Plan for Howard County for the district in which it is located.

2. The use will not adversely affect vicinal properties.

3. The location, nature and height of structures, walls and fences, and the nature and extent of the landscaping on the site are such that the use will not hinder or discourage the development and use of adjacent land and structures.

4. Parking areas will be of adequate size for the particular use and will be properly located and suitably screened from adjoining residential uses, and the ingress and egress drives will be laid out so as to achieve even maximum safety.

5. If a special exception use is combined with other special exception uses or permitted uses on a site, the overall intensity and scale of uses on the site is appropriate given the adequacy of proposed buffers and setbacks and the land uses indicated in the General Plan for the site and surrounding properties.

ZB OR BA CASE # _____
 PETITIONER _____
 ADDRESS _____



Ms. Elizabeth H. Magagna
 3922 Mac Alpine Rd.
 Ellicott City, MD 21042

Affidavit made pursuant to the pertinent provisions of Title 22 of the Howard County Code as amended.

THE UNDERSIGNED DOES HEREBY DECLARE THAT NO OFFICER OR EMPLOYEE OF HOWARD COUNTY, WHETHER ELECTED OR APPOINTED, HAS RECEIVED PRIOR HERETO OR WILL RECEIVE SUBSEQUENT HERETO, ANY MONETARY OR MATERIAL CONSIDERATION, ANY SERVICE OR THING OF VALUE, DIRECTLY OR INDIRECTLY, UPON MORE FAVORABLE TERMS THAN THOSE GRANTED TO THE PUBLIC GENERALLY IN CONNECTION WITH THE SUBMISSION, PROCESSING, ISSUANCE, GRANT OR AWARD OF THE WITHIN APPLICATION OR PETITION IN ZB OR BA CASE # _____ FOR A ZONING CHANGE AS REQUESTED.

I, WE, DO SOLEMNLY DECLARE AND AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE CONTENTS OF THE AFOREGOING AFFIDAVIT ARE TRUE AND CORRECT TO THE BEST OF MY, OUR, KNOWLEDGE, INFORMATION AND BELIEF.

John R. Park
 Witness

Elizabeth H. Magagna 4/20/97
 Signature Date

 Witness

 Signature Date

 Witness

 Signature Date

Sharp Farm

3/27/89 (a dry spring until 3rd week in April when rain began - year rains continued thru July)

lot 2 initial testing 9/28/88, retested in 3/27/89

(Test Hole 2A dry to 12ft Sept 29, 88

2B dry to 12ft ~~Sept 29, 88~~ March 29, 89 but

(78ft SE of 2A Note says (water)

lowest hole 6 had slow (22 min perc) @ 4ft water @ 13'

Next lowest hole 5 had water @ 9 1/2 ft (piled)

[Subsequently perc area revised to highest triangle on lot site (based on 3 uppermost test holes (1, 3, 4) and #6 lowest showing water @ 13' in a dry wet season.]

lot 20

initial testing 9/29/88, hole #4 retest 3/29/89 - No water seen @ 12 1/2

Test Hole #5 had water @ 13', clay to 5ft (piled)

* (This may be the test hole at uppermost corner of lot 21)

[Septic Area was revised to eliminate Test Hole #5.]

lot 21

All Testing Done in 3/27/89

upper test hole #1 was 25' from stake on property line

Test Hole #1 water @ 12 1/2

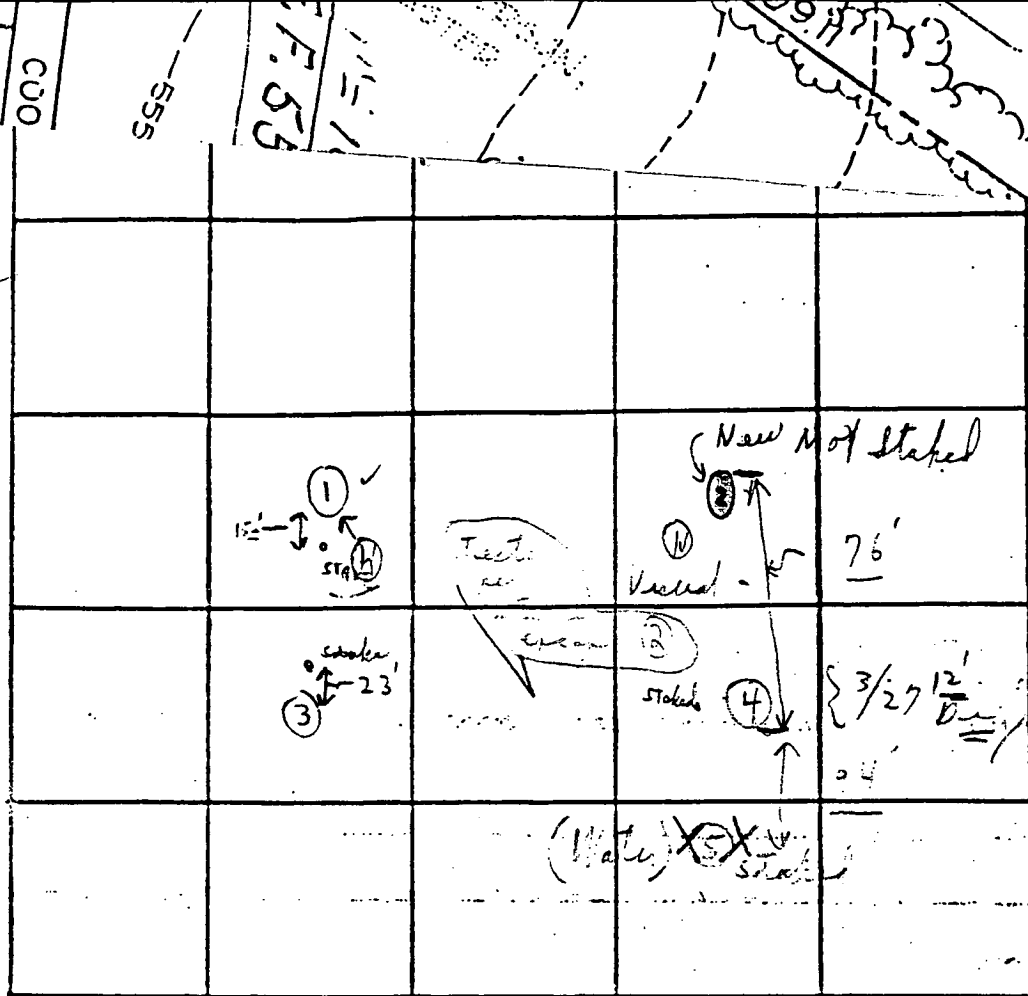
Test Hole #2 water @ 11'

Test Holes #3 & 4 water @ 11 1/2 ft.

(Center also coming in @ surface on #3)

41274

Sheep Farm lot 26



SOIL PROFILE

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

T. SOIL + CLAY
 LOAM TO BOTTOM
 ALL HOLES
 ①; ②, ④
 ③ BELOW CLAY
 MOSTLY LOAM
 20% ±
 20% ±
 SOME STONE

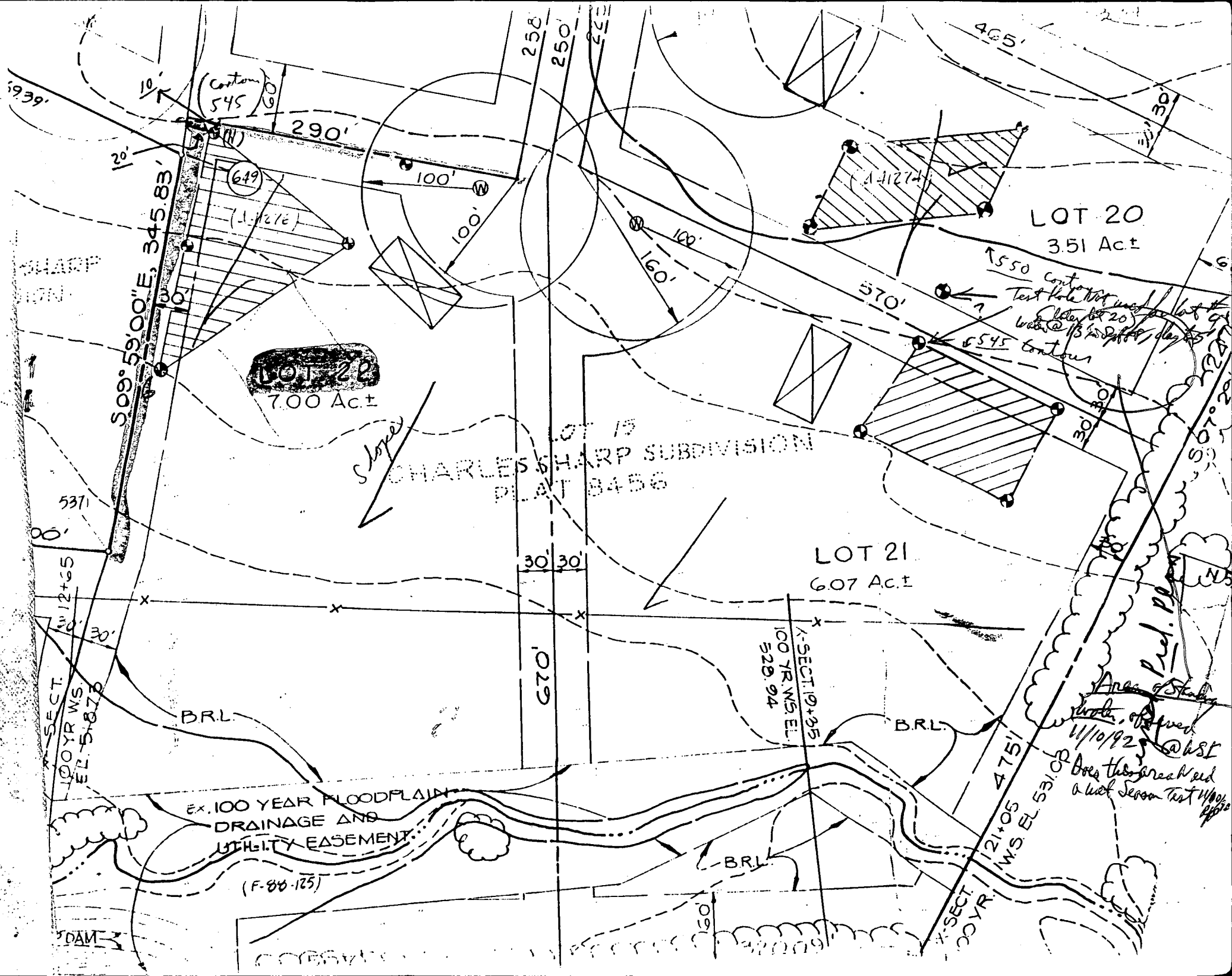
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/27	1A	5'	2:39	2:41	2:41	2:46	5 min
	1B	8'	2:38	2:40	2:40	2:46	6 min
	2A	1'					
	2B	2'					
	3A	6'	2:44	2:58	2:58	3:27	29 min
	3B	12'			80%	20%	SOME STONE
	4A	3 1/2'	2:49	2:51	2:51	2:53	2 min
	4B	12 1/2'					
X	X	Clay 45' XX					

11' deep

REMARKS: TESTS PER STAKE HOLD FOR
 TYPE OF SOIL: TESTS IN OPEN CERTIFIED HOLES
 TESTED BY: C.K.W. ALSO PRESENT: WOODY SKIPP

* No water - 3/27/11 = 4 gal *

Pump Test for lot 20 1/2 well - ^{orig} water level in November 1922 @ 29' below top casing (1109 p.m. -
lot 21 1/2 well - ~~water level~~ ^{water level} in ~~November~~ ^{August} 1924 @ 15' " " (1599 p.m. draw level to 47 ft off sh.)



EX. 100 YEAR FLOODPLAIN
DRAINAGE AND
UTILITY EASEMENT
(F-88-125)

CHARLES SHARP SUBDIVISION
PLAT 8456

LOT 20
3.51 Ac.±

LOT 21
6.07 Ac.±

LOT 22
7.00 Ac.±

*Area of Study
shown, observed
11/10/92 @ 1:15 PM
Does this creek need
a wet season test 1/10/93*

Slopes

*550 contour
Test hole was used
later for 20'
width @ 15' in depth, day 15
545 contours*

Prod. 10'

X-SECT.
100 YR WS
EL. 5-878

X-SECT 10+05
100 YR WS EL.
528.94

X-SECT
100 YR
WS EL. 531.05

S 09° 59' 00" E, 345.83'

290'

258'
250'

465'

30'

1939'

(Custom
545)

(649)

(J. 1276)

(A. 1274)

100'

100'

100'

160'

570'

30'

531'

12+65

30'

30' 30'

670'

B.R.L.

B.R.L.

B.R.L.

DAM

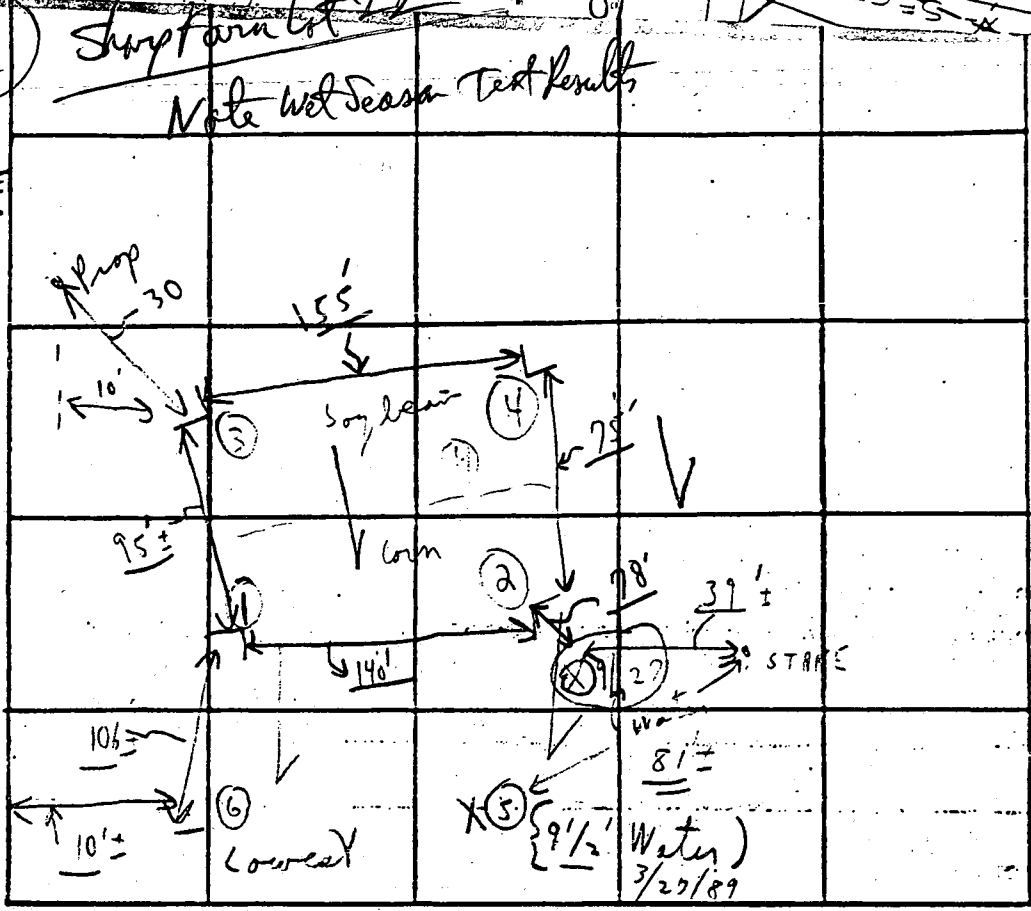
Field #6 6/8/22

Shopt area lot 27
Note Wet Season Test Results

SOIL PROFILE

BELOW-T. SOIL + CLAY

LOAM BELOW CLAY



(4)
use 3, 1, 6, 2
(13)

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/28/88	1A	4'	2:04	2:06	2:06	2:13	7m
	1B	11 1/2'					
3/27/89	2A	3'	2:06	2:07	2:07	2:09	2m
	2B	12'			LOAM; Reddish		
	3A	11 1/2'	2: -	2: -	2: -	2: -	
	3B	4 1/2' Loam		redish			
	4A	4'	2:14	2:16	2:16	2:18	2m
	4B	6'	2:14	2:21	2:21	2:31	10m
3/27	X 5 X			9 1/2' Water			X X
3/27	6	4'	12:20	12:27	12:27	12:49	22m

C. S. Shaw
Dry 12 1/2"
3/27/89

12 Day

REMARKS TESTS { NOT PER STAKE } (Restricted HOUSE SITE)

TYPE OF SOIL " IN SPEN

TESTED BY C. S. Shaw ALSO PRESENT: { FLOCKS MEU }

11/10/97

4" water (69" below tank 49" below grade, 3" below pavement) in bottom of lowest gravel filled trench I.P. from 10/19/97 installation. Observation trench is full of rain water to 2" below surface

Test Hole A - Hst Blue Gray SSL
also Mixed masses of dark gray / light gray SSL

T

Test Hole B
Some grading (with red brown ss blk hSL-SiCl)

Red Brn hL - hSL

3 1/2' Reddish-brown blk 2056k
Ebony mottles on vertical face

4 1/2' gray mottles on one side wall in
hL-hSL to 1/2' ± ft

7' mix part + dark brown
brown-hL ± med black mottles

10 1/2' lowest ft & wet when on side wall

B @ 3ft
14:48 - Top Nail (at pit)
15:48 - Top of 2nd flat
16:15 - about 3/4" full size steel
3/4" in 1/2 h ≈ 120 up i

Test Hole C (30ft w/ of NW corner of septic area)

Red Brn SiCl - hSL

2ft Yel Brn SiCl - hSL (part yel brn mottles)

33" Gray Mottles (med) in yel brn-red brn matrix
hSL (dense) ss blk - platy

4ft pale blue gray (75% R 8%) SiL - v-f SL mica - fine texture

7ft Mix (m-2-3d) red brn / blue blue gray FSL
massive
spherulite

9-9 1/2' Structural very weak v-f to spherulite
red brn mottles, gray + tan mottles, c3d black mottles

10 1/2' water seepage began in minutes - saturated below 9ft

Water seepage at 9' 1/4" - 10 1/2" of 1 hr.

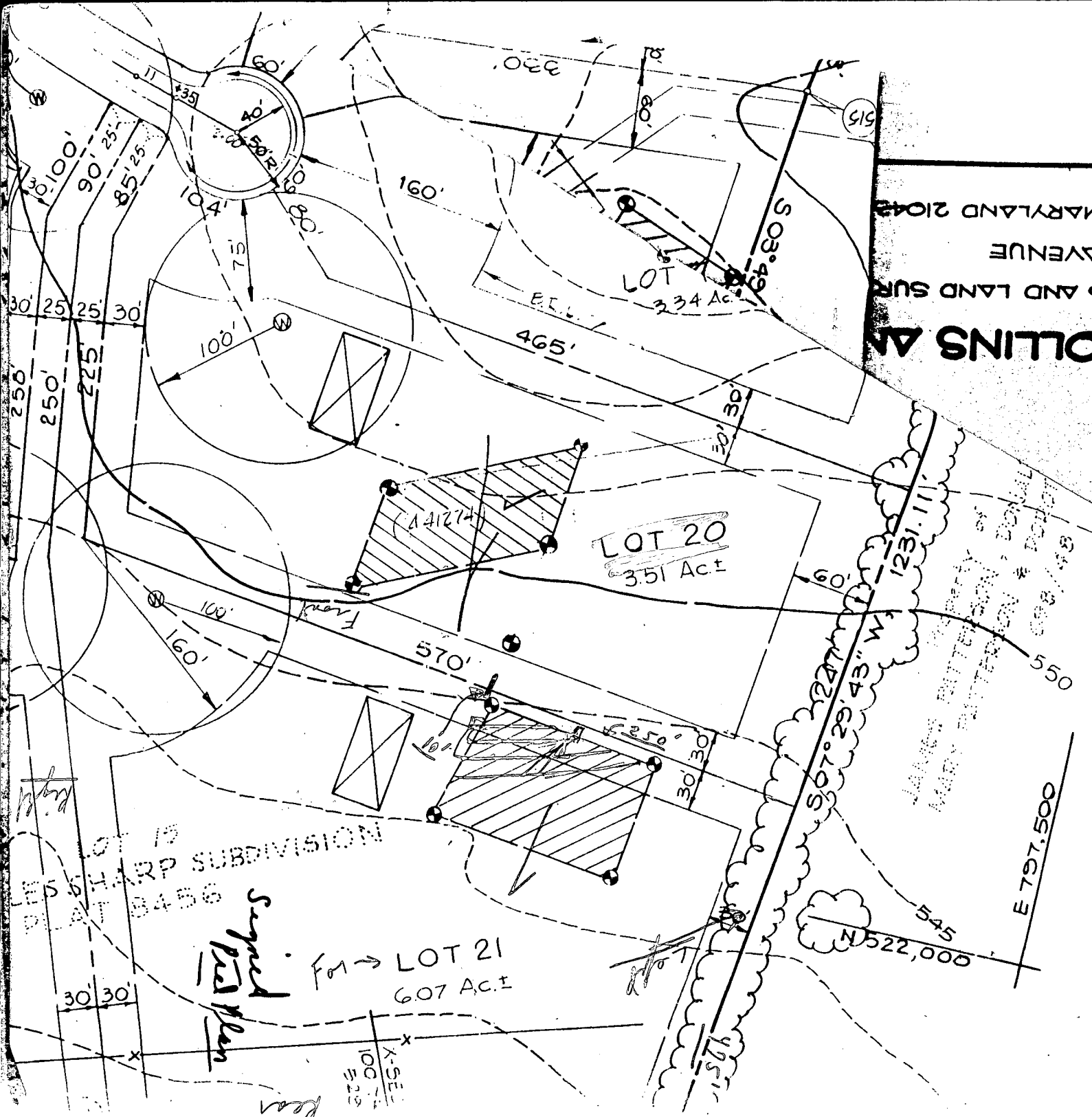
Test Hole D

2 1/2' dark yel Brn
partly yel Brn - Brn hSL-SiCl

33-36" (part gray / green mottles)
c3d (10 YR 4/2) gray mottles in green & c3d blk brn
hSL

4ft No pale tan pole gray

1-1 1/2" gravel & pebbles
could be old surface



FISHER, COLLINS AND
 CIVIL ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21042
 W.O. # 30164

COORDINATES		
NO	NORTH	EAST
1	522099.262	791.000
2	520639.071	7968.000
58	521599.806	7982.500
93	521327.635	7974.000
96	520986.076	7975.500
337	522820.397	7984.000
456	522865.944	7967.000
515	522357.892	7969.000
524	521639.053	797.000
527	521910.473	796.000
528	521880.975	797.000
535	522793.756	796.000
536	522815.881	796.000
537	521712.411	79.000
538	522093.021	79.000
	51775.684	7.000

*Surveyed
 Plat Plan*

For → LOT 21
 6.07 Ac.±

X-SEC
 100'±
 52.9

SEE LOT 19
 SHARP SUBDIVISION
 PLAT 3456

Plan

11/10/97

Test Hole F (rain all but weekend)

0-8" Stray brick SIL (Good) in zone

8-18" yellow SIL wet 3 or 4 86k No. 1000 (Sticky + mD when wet.)

slowest zone > 18-33" yellow-brown to brown matrix; grey (10YR 6/2) ^{col} mottled in vertical pieces (Sph. prismatic structure)

Impervious 36-48" Mix of grey (10YR 6/2) and pale orange-tan brown color SIL (probably) + gravelly

Test here 48-5 1/2 ft. blue grey h SIL (dense) + wet

5 1/2-7 1/2" slight darker grey 10YR 7/1-6/2 VPSL

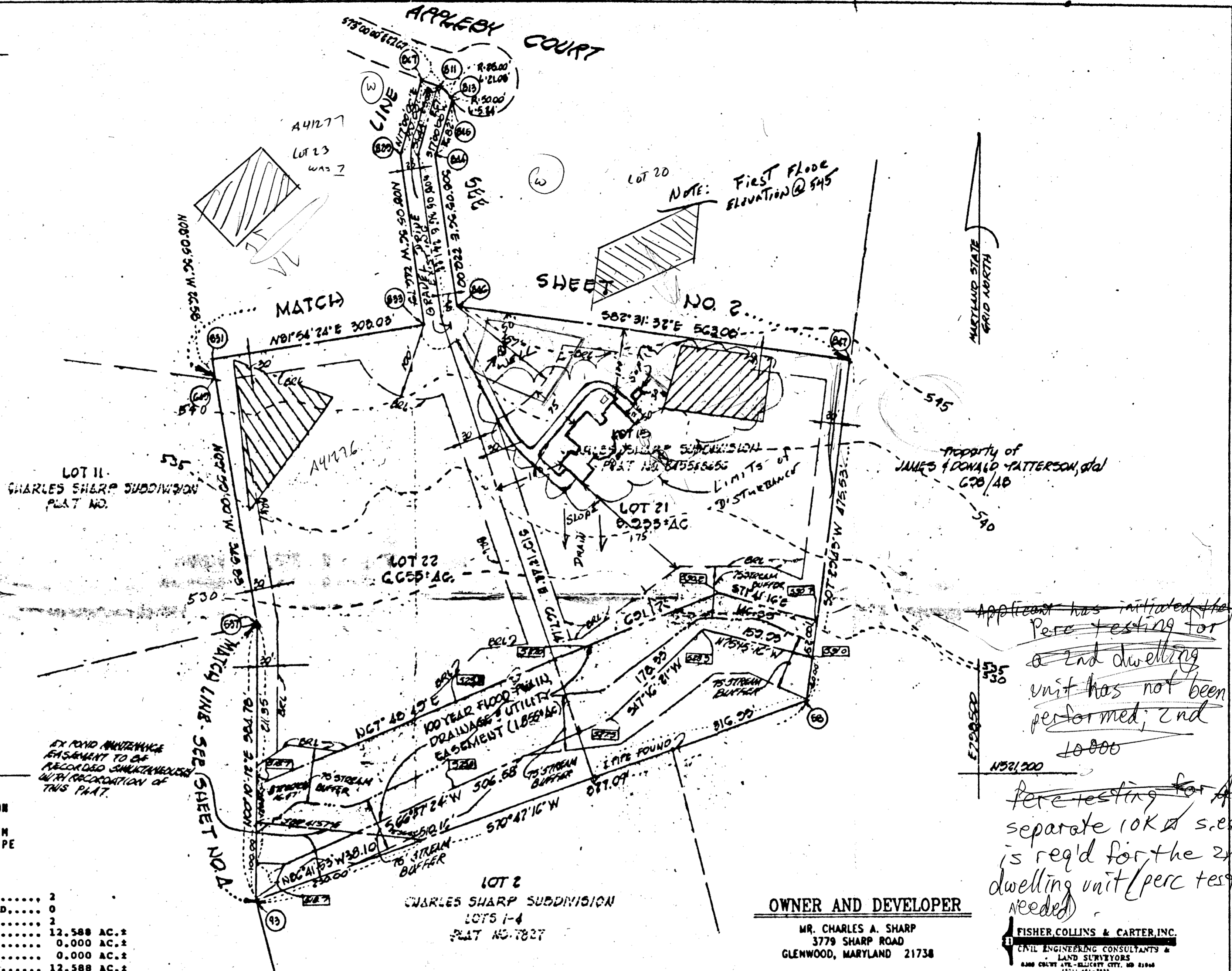
7 1/2-9 1/2" Mix very large yellow-brown to grey matrix (VPSL) wet

9 1/2-10 1/2" dark grey to some very dark brown mottled SIL wet

Saturated @ 8 1/2, water stream @ 9 ft.

97 JUL 22 AM 10:04

N522,500
E707,000



Applicant has initiated the 1st
perc testing for
a 2nd dwelling
unit has not been
performed; 2nd
10000

perc testing for a
separate 10K is req'd for the 2nd
dwelling unit (perc test
needed)

NOTE:
FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION
SNOW REMOVAL AND ROAD MAINTENANCE TO BE
PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM
AND THE ROAD R/W AND NOT ONTO THE FLAG OR PIPE
STEM DRIVEWAY.

AREA TABULATION FOR SHEET 3 OF 4

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED.....	2
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED.....	0
TOTAL NUMBER OF LOTS TO BE RECORDED.....	2
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED.....	12.588 AC.±
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED.....	0.000 AC.±
TOTAL AREA OF ROADWAY TO BE RECORDED.....	0.000 AC.±
TOTAL AREA OF SUBDIVISION TO BE RECORDED.....	12.588 AC.±

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE
SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

[Signature] 5-30-90
HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND
ZONING

[Signature] 8-2-90
DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS, AND PUBLIC
ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature] 7/16/90
DIRECTOR DATE

OWNERS CERTIFICATE

I, CHARLES ALAN SHARP, OWNER OF THE PROPERTY SHOWN HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAN BY THE DEPT. OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAIN, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDINGS OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY. WITNESS OUR HANDS THIS 4TH DAY OF JANUARY 1990

[Signature]
CHARLES ALAN SHARP

[Signature]
ZACHARY G. LISCH
WITNESS

SURVEYOR'S CERTIFICATE

I, HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF (1) PART OF THE LAND CONVEYED BY LAWTON T. SHARP FARM, INC. TO CHARLES ALAN SHARP BY DEED DATED SEPTEMBER 2, 1980 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN C.M.P. LIBER 1019 AT FOLIO 459, AND (2) PART OF THE LANDS CONVEYED BY CHARLES ALAN SHARP AND DENISE ANN DOERER, HIS WIFE, TO CHARLES ALAN SHARP BY DEED DATED, FEBRUARY 3, 1987 AND RECORDED AMONG THE AFORESAID LAND RECORDS IN LIBER 1600 AT FOLIO 151, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

[Signature]
TERRELL A. FISHER
DATE 8-4-1990

RECORDED AS PLAT NO. 9497 ON 8-30-90
AMONG THE
LAND RECORDS OF HOWARD COUNTY, MD.

SHARP FARMS
LOTS 17-31
(A RESUBDIVISION OF LOT 15 & PARCEL 'A'
CHARLES SHARP SUBDIVISION)
ZONED "R"

TAX MAP 21 PARCELS 86 & P.O. 202
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1"=100' DATE: DECEMBER 27, 1989
SHEET 3 OF 4

S-88-84 P-88-51 F-88-125 P90-02

SEPTIC SYSTEM ELEVATIONS

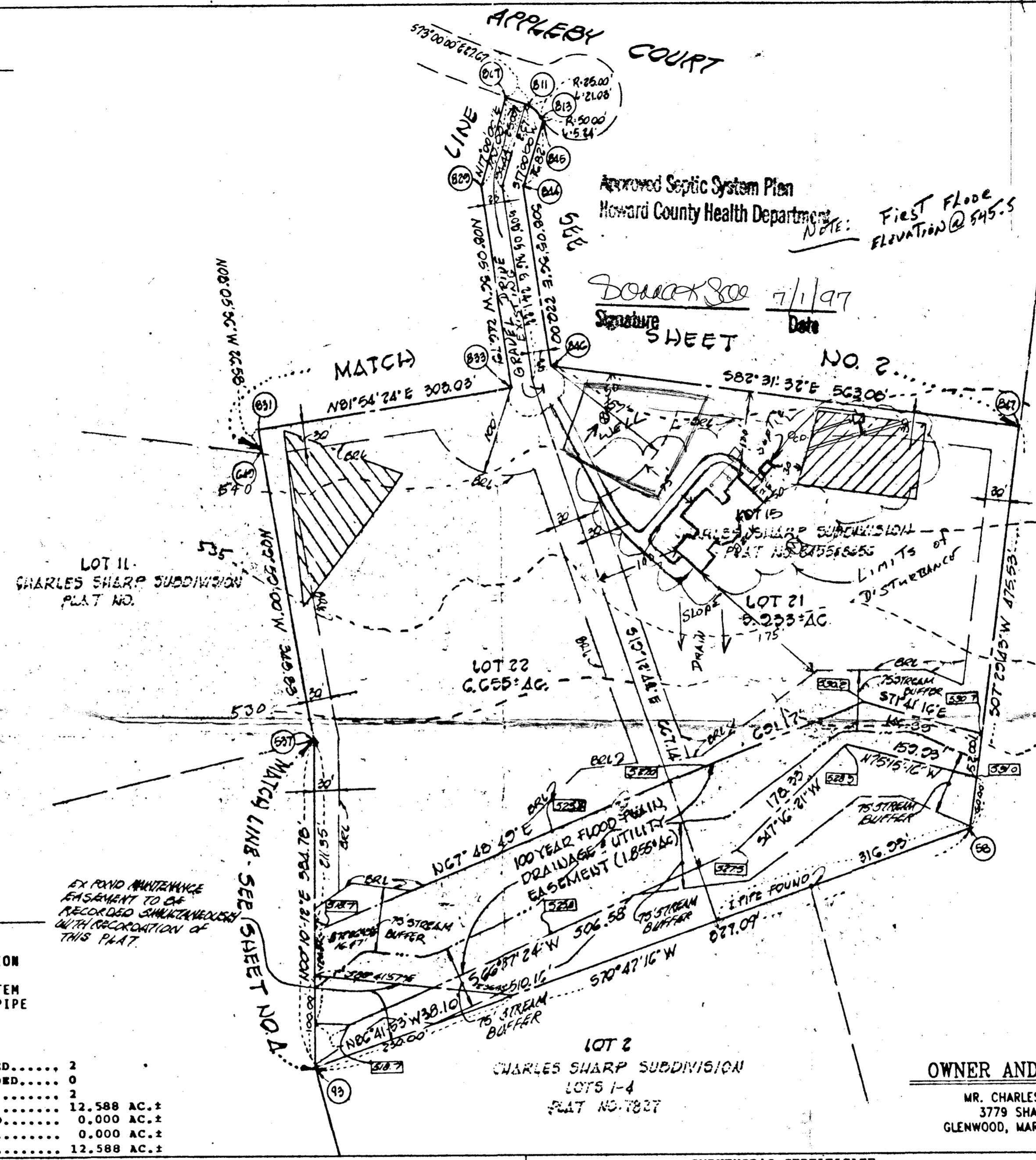
HOUSE 1ST FLOOR	546.5
OUT OF HOUSE	544.0
INLET @ TANK	543.5
OUTLET OF TANK	543.2
DIST BOX	541.5

INLET 1ST TRENCH
 NOTE: SEPTIC TANK TO BE 1500 GAL. CONCRETE 280 FEET OF TRENCH (4) 70' W/CONTAINER P.L.T.

Approved Septic System Plan
 Howard County Health Department

NOTE: FIRST FLOOR ELEVATION @ 545.5

Signature: DONALD SHARP 7/1/97
 SHEET NO. 2



NOTE:
 FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.

AREA TABULATION FOR SHEET 3 OF 4

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APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 [Signature] 5-30-90
 HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
 [Signature] 8-7-90
 DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] 7/1/90
 DIRECTOR DATE

OWNERS CERTIFICATE

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[Signature] CHARLES ALAN SHARP
 [Signature] ZACHARY G. LISCH WITNESS

SURVEYOR'S CERTIFICATE

I, HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF (1) PART OF THE LAND CONVEYED BY LAWTON T. SHARP FARM, INC. TO CHARLES ALAN SHARP BY DEED DATED SEPTEMBER 2, 1980 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN C.M.P. LIBER 1019 AT FOLIO 459, AND (2) PART OF THE LANDS CONVEYED BY CHARLES ALAN SHARP AND DENISE ANN DOBERER, HIS WIFE, TO CHARLES ALAN SHARP BY DEED DATED, FEBRUARY 3, 1987 AND RECORDED AMONG THE AFORESAID LAND RECORDS IN LIBER 1600 AT FOLIO 151, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

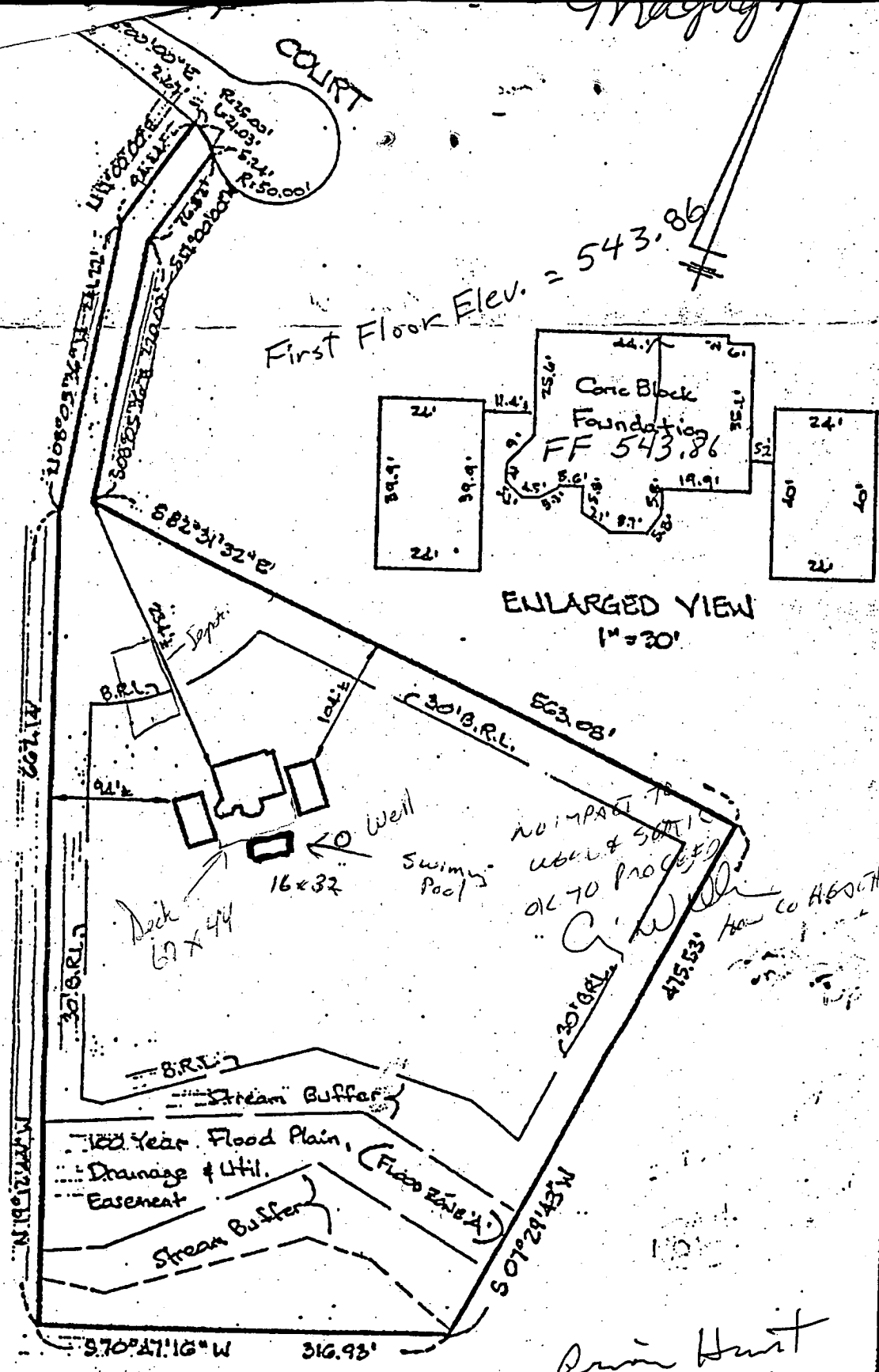
[Signature] TERRELL A. FISHER L.S. 10692
 [Signature] Jan 4, 1990 DATE

RECORDED AS PLAT NO. 7497 ON 8-30-90
 AMONG THE
 LAND RECORDS OF HOWARD COUNTY, MD.

SHARP FARMS
 LOTS 17-31
 (A RESUBDIVISION OF LOT 15 & PARCEL 'A' CHARLES SHARP SUBDIVISION)
 ZONED "R"

TAX MAP 21 PARCELS 86 & P.O. 202
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' DATE: DECEMBER 27, 1989
 SHEET 3 OF 4

S-88-86 P-89-51 F-88-125 P90-02



First Floor Elev. = 543.86

ENLARGED VIEW
1" = 30'

no impact to
well & septic
or to property
C. Wall
How to H600TH

THE LOT SHOWN HEREON IS IN FLOOD
ZONE C PER F.E.M.A. FLOOD INSURANCE
RATE MAP PANEL # 740044-0030 B

The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing, or refinancing. The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. The plat does not provide for the accurate identification of property boundary lines, but such identification may not be necessary.

