

LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_  
 INSP 2 4/29/04 3PM on site INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 4/16/04

P 520305-B

APPROVAL DATE: 10/13/04

A 40136

# PERMIT

## ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

Fyock Septic Service IS PERMITTED TO INSTALL  ALTER

ADDRESS: PO Box 89, Glenelg, MD 21737 PHONE NUMBER: 410-988-9270

SUBDIVISION: Robert Sharp LOT NUMBER: 7

ADDRESS: 3725 Shady Lane PROPERTY OWNER: Robert Sharp

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1000 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 174 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth <u>5.0</u> feet below original grade. Effective area begins at 5.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Move distribution box 33ft. southeast from the north corner of septic easement at the 526 ft elevation. 2 trenches start one trench 74 ft and 12 ft center to center to 2 <sup>nd</sup> 100 ft trench. Maintain trenches with contour as much as possible.
NOTES:	

PLANS APPROVED: Frank Alfonso Reviewed by:  DATE: 11/24/03

NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

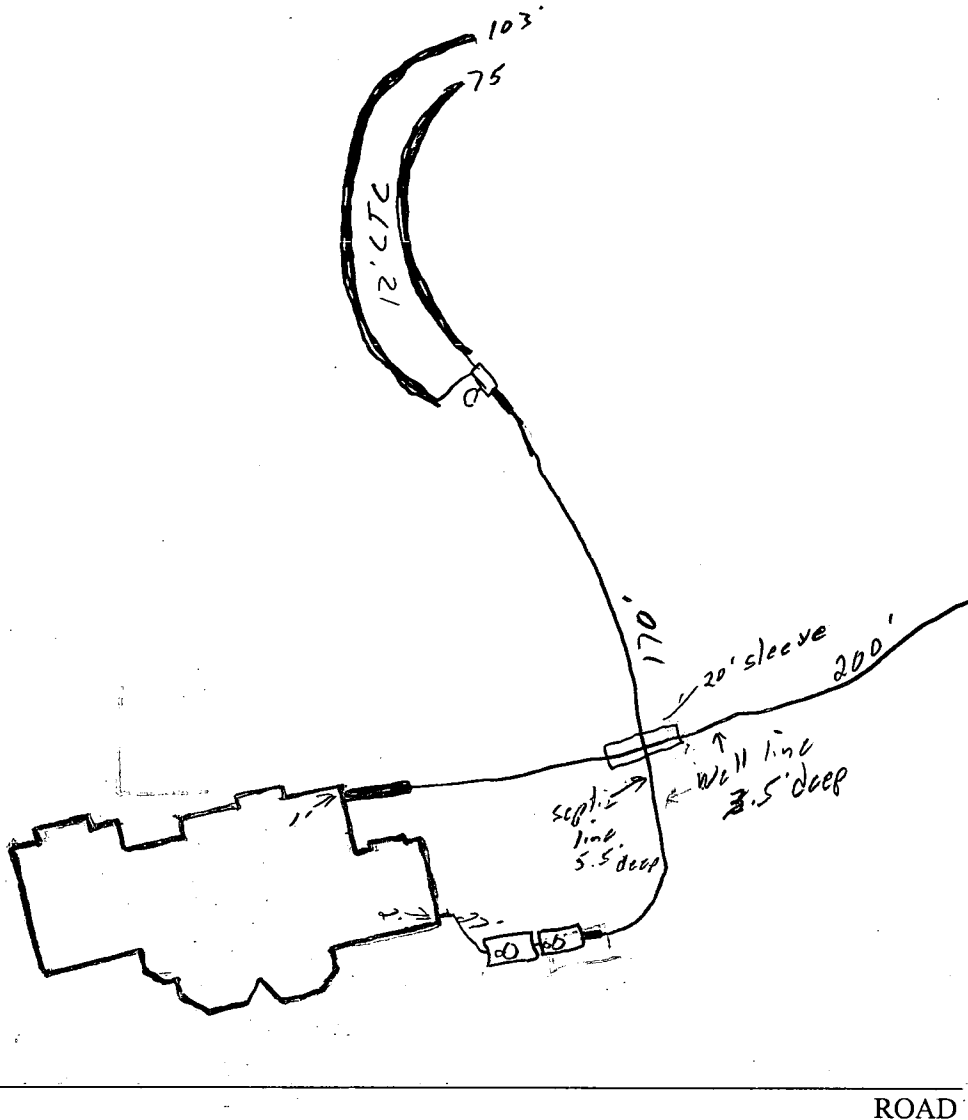
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A40136

NOT TO SCALE

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		178'
ABSORPTION AREA		5344
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		✓

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL ✓	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1-1.5'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL ✓	
CAPACITY	1000 GAL
SEAM LOC	Top
TANK LID DEPTH	1-1.5'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	—



PRE-CONSTRUCTION 4/20/04 To install trenches as per plan. The two septic tanks are to be installed so that they are kept as far out of the center of the drainage swale as possible. Keep manhole risers above grade and seal them at tank connection. The well line must be at least 1 foot above the septic pump line but not less than 3' deep (where they cross each other). The well line should be sleeved if within 10' of the septic pump line. (BB)

4/29/04 - System installed, OK to cover. Pump & alarm tests needed. Also, check grading for swale to side of tanks. (SO)

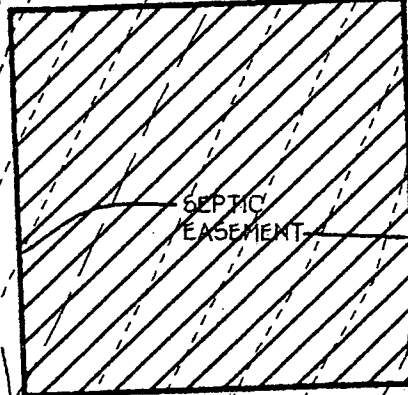
10/13/04 Tanks out of swale. Pump and alarm working.

FINAL INSPECTOR B. Baker DATE OF APPROVAL 10/13/04 (BB)



SHADY LANE  
60' R.W.

EDGE ROAD  
G. OF ROAD



LOT 6  
5.354 acres

EXISTING 100 YEAR FLOOD PLAIN, UTILITY,  
AND DRAINAGE EASEMENT, PREVIOUSLY  
RECORDED AS PLAT No. 6519

100 YEAR FLOOD PLAIN, UTILITY,  
AND DRAINAGE EASEMENT

SHARP RESIDENCE

GAR. + SHARP RESIDENCE  
FF 520.50  
517.80  
510.50  
Deck

1250 GAL. SEPTIC TANK  
FIN GRD. 509.0  
INV. IN 506.8  
INV. OUT 506.5.0

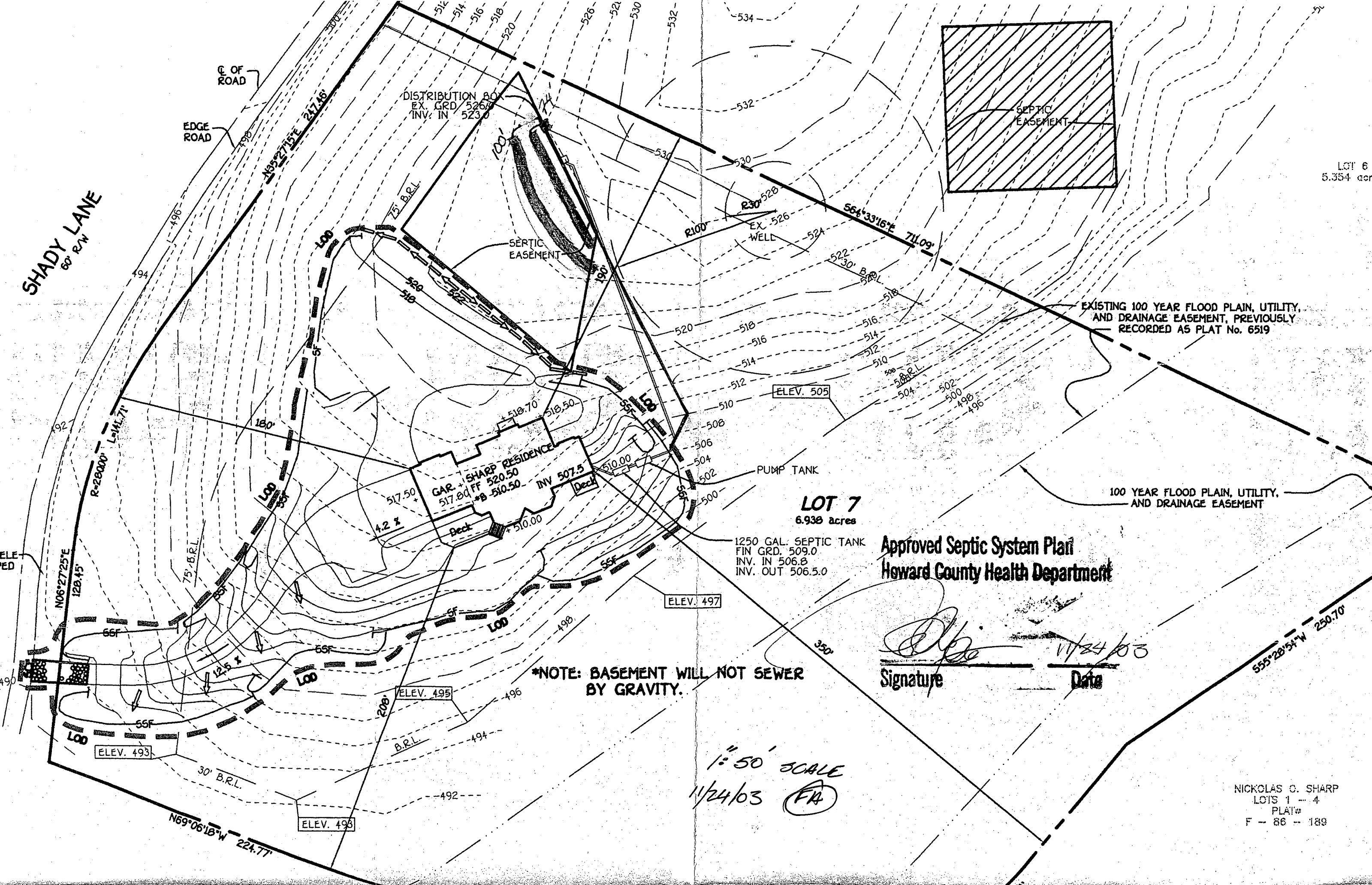
Approved Septic System Plan  
Howard County Health Department

*[Signature]*  
Signature  
11/24/03  
Date

\*NOTE: BASEMENT WILL NOT SEWER  
BY GRAVITY.

1" = 50' SCALE  
11/24/03  
FR

NICKOLAS G. SHARP  
LOTS 1 - 4  
PLAT#  
F - 86 - 189



HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Willoughby Plumb Telephone #: 410-781-7051  
Address: 16203 PATRIOT DR  
SEVERVILLE, MD

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:

Name (Print): CHRIS WILLOUGHBY License # LA92

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: ROBERT DINO SHARP Telephone #: 410-484-6625  
Subdivision: ROBERT SHARP Lot #: 7 Well Tag #: HO-94-3815  
Site Address: 3725 SHADY LAKE  
GREENWOOD, MD 21738

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit

Make: WELLS Make: HALVARD Two piece watertight cap:

Model #: \_\_\_\_\_ Model #: \_\_\_\_\_ Screened, vented well cap:

Pump Capacity \_\_\_\_\_ GPM Depth: 98" (36" min) Cap secured to casing:

Well Yield: 0 GPM NSF approved: \_\_\_\_\_ Conduit min 1 1/2" B.G.:

Depth of well encountered at time of pump installation: 480 (feet) Conduit secured to well cap:

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

Piping to house House Connection

Type: CRESTLINE PVC sleeved to undisturbed soil at well penetration:

PSI: 1 (160 psi min) Approximate length of sleeve: 6'

Depth of supply line:  (36" min) Sleeve caulked and sealed properly:

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Chris Willoughby date: 4/27/04

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 4/29/04 Date Insp. Approved: 4/29/04 (SO)

- Inspection Data: Pitless adapter and water supply line at least 36" below grade
- Two piece cap installed and attached to casing securely
- Elec. conduit extends at least 18" below grade/attached to cap properly
- Safety rope installed inside of well casing
- Correct well tag attached properly and casing 6" above finished grade
- Water supply line sleeved adequately at house connection
- Adequate grommet observed below pitless adapter



FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3815  
 Location of property (road) 3725 SHADY LANE  
 Subdivision ROBERT SHARP PROPERTY Lot 7 Block      Plat      Sec.       
 Well Driller JOSEPH MAYNE Owner (ROSEN) ADAMS

Depth of well 400'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 34'

I. High rate pumping -- reservoir drawdown

Time pump started 7:00 Pumping rate 20 gpm.  
 Total time 45 min to reach pumping water level 341 feet below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5, gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:15	163	3 sec	N/A	20 gpm.
7:30	255	4		15
7:45	341	5		12
8:00	338	30		2
8:15	338	30		2
8:30	337	30		2
8:45	337	30		2
9:00	337	30		2
9:15	337	30		2
9:30	337	30		2
9:45	337	30		2
10:00	337	30		2
10:15	337	30		2
10:30	337	30		2
10:45	337	30		2
11:00	336	30		2
11:15	336	30		2
11:30	336	30		2
11:45	336	30		2
12:00	336	30		2
12:15	336	30		2
12:30	336	30		2
12:45	336	30		2
1:00	336	30		2
HD-224 1:15	336	30		2
1:30	334	30		2
1:45	334	30		2

B 1 2210

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND 50 APPLICATION FOR PERMIT TO DRILL WELL please type W519036

STATE PERMIT NUMBER

HO-44-3815 fill in this form completely

Date Received (APA) 08-22-03

OWNER INFORMATION

Crown Homes Inc. Owner First Name 34 3825 Shady Lane Street or RFD 55 Glenwood Md 21238 Town 70 State 72 Zip 76

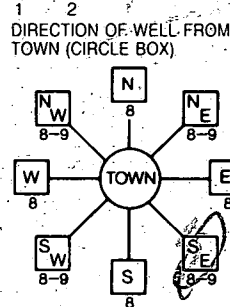
B 3 LOCATION OF WELL

Howard COUNTY 21 Robert Sharp Property SUBDIVISION 42 SECTION 44-46 LOT 7 48-50 NEAREST TOWN Glenwood 71 MILES FROM TOWN (enter 0 if in town) 3 M 1 73 76 77 78

DRILLER INFORMATION

Josiah L. Mayne M 5 D 0 2 4 Driller's Name 76 License No. 81 Josiah L. Mayne Well Drilling Firm Name 5512 Ridge Rd Mt Airy Md 21771 Address 8/21/03 Date Signature

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



3725 Shady Lane NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH WEST EAST DISTANCE FROM ROAD 280 FT ENTER FT OR MI 38 39 TAX MAP: 21 BLK: 11 PARCEL 193

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 4 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) 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 A H 0 1 3 6 COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 10/15/03 EXP/DATE 10/15/04 NORTH GRID 522 000 EAST GRID 796 000

APPROXIMATE DEPTH OF WELL 280 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) CABLE REVERSE-ROTARY Drive-POINT other

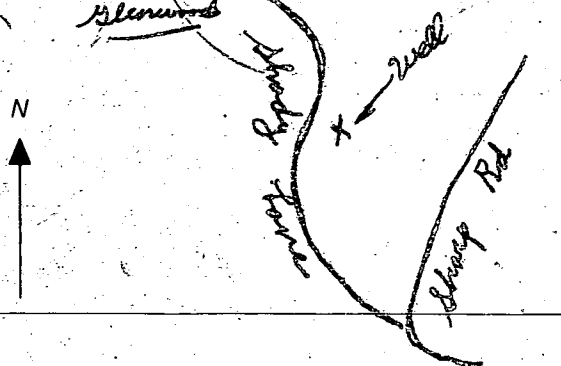
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER 1. well 2. 3.

7 AM 10/23 ppg CASINGS = 33' Depth = 400' 15 Bags Annular spacers

WRITE THE BOX NUMBER FROM THE MAP HERE E 7905 N 5203

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



REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled) 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) 41 52

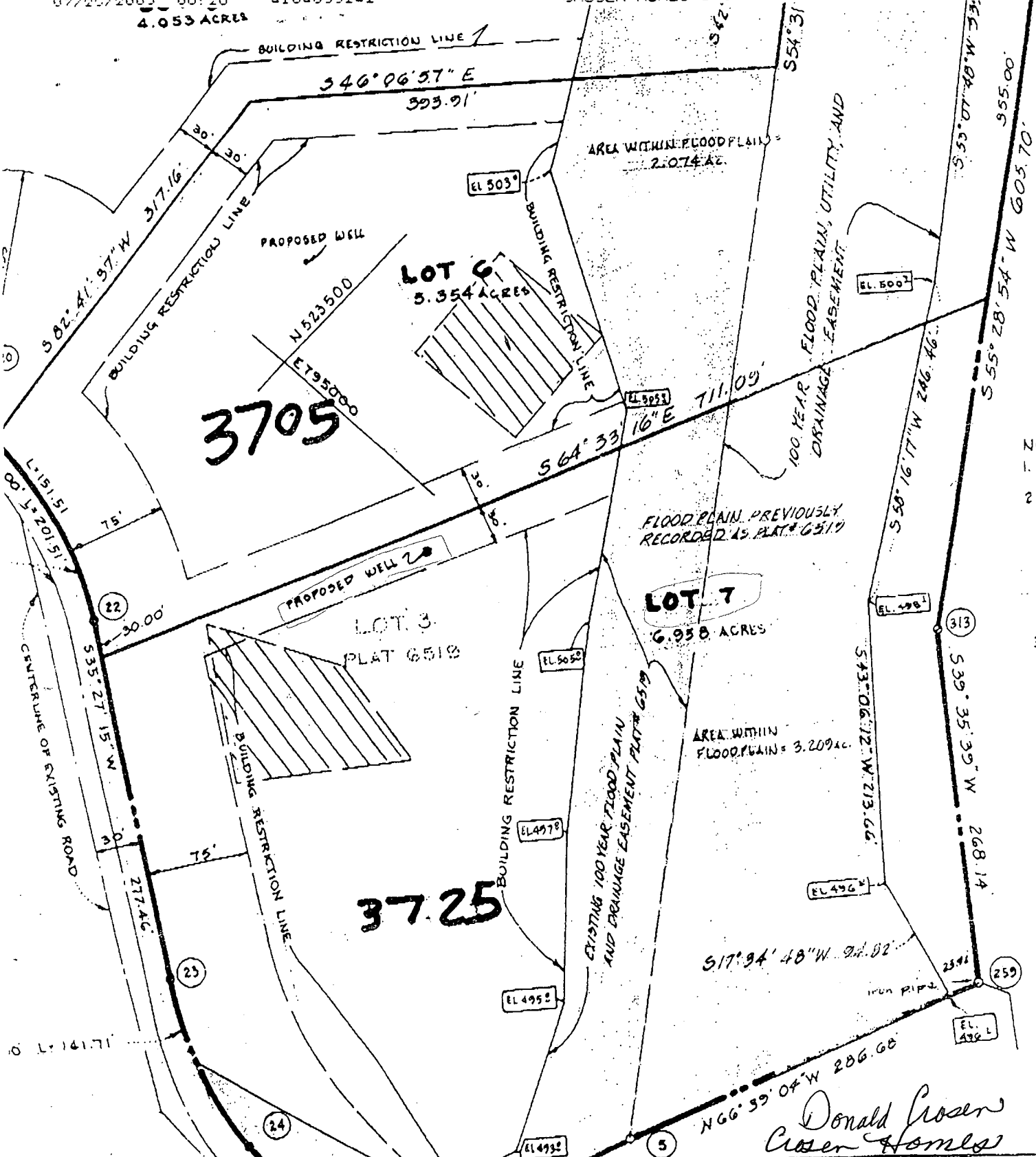
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER G PERMIT No. HO-44-3815

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED





- NOTES:
1. SUBDI
  2. AREA EASE BY M IN PR SWAG EXCC CASE
  3. FOR SNC PR ANT DRI
  4. EL
  5. ●
  6. TH ST W S S T. E O. F

Lot #7  
3725 Shady Lane

Donald Groen  
Grosen Homes

3 CERTIFICATE SHARP AND ROBERT V.L. SHARP OWNERS OF LOTS 4, 5, AND A PART OF LOTS 6 & 7, AND N1 HEREBY

OWNER OF A PART OF SUBDIVISION AND IN THE MIDDLE BEARING IT TO THE CORNER, AND 9 AND FEET DISTANCE FROM THE FRONT AND OTHER LOTS AND BEARING OF BUILDING OR SHEDD

RECORDED AS PLAT NUMBER 196838  
ON FEBRUARY 15, 1968 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

**ROBERT SHARP SUBDIVISION**  
SECTION 1 LOTS 4, 5, 6, AND 7  
A RESUBDIVISION OF LOTS 1, 2, AND 3  
SHEET 1 OF 1  
TAX MAP 21 PARCEL 193 (PART OF 45)  
4TH ELECTION DISTRICT OF HOWARD COUNTY, MD.

SCALE: 1" = 100' DATE: Dec. 3, 1987



Howard County  
Health Department

3525 H Ellicott Mills Drive • Ellicott City, MD 21043  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

## ATTENTION WELL DRILLERS!!!

When submitting a well application for a new or replacement well, please indicate one of the following:

- The well site has been staked by Fisher Collins Carter on 8-20-03 and is ready for site inspection.
- \_\_\_\_\_ will call the Health Department for a time to meet in the field to verify a well location.
- Site plan for new well is attached to well permit application.

Please attach this sheet when submitting your green application. This should help improve communication allowing a more timely service for our citizens.

KN

# APPLICATION

Retest  
10/14/87  
1:30 PM

PERCOLATION TESTING

A 40136

P \_\_\_\_\_

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

Retest -

Require 200' From  
STREAM

DISTRICT 4

DATE 9-21-87

10-14-87 Percs ok  
pending plat  
approval. JEN

~~XXXXXXXXXXXXXXXXXXXX~~

S. Abel

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 Robert V.L. and Frances E. Sharp

ADDRESS 3699 Shady Lane Glenwood Md 21738 PHONE 489-4135

PROSPECTIVE BUYER None

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Robert Sharp (F85-94) LOT NO. 37

ROAD AND DESCRIPTION Recorded 12-9-85 Plat 6519 (Retest for 2nd location)  
East side Shady Lane, 3800' south of Mustang Path

TAX MAP 21 PARCEL # 193

CK # 2617

SIZE OF LOT 8.170 TYPE BLDG. Single Family (E)  
(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.

Robert V.L. Sharp 9-15-87  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 10-14-87 for subdivision plat approval, perc hole locations, may have just under 10,000 sq ft. Area surrounded by shallow rock. JEN/Abel

# THIS IS NOT A PERMIT

(13)

# SHADY LANE

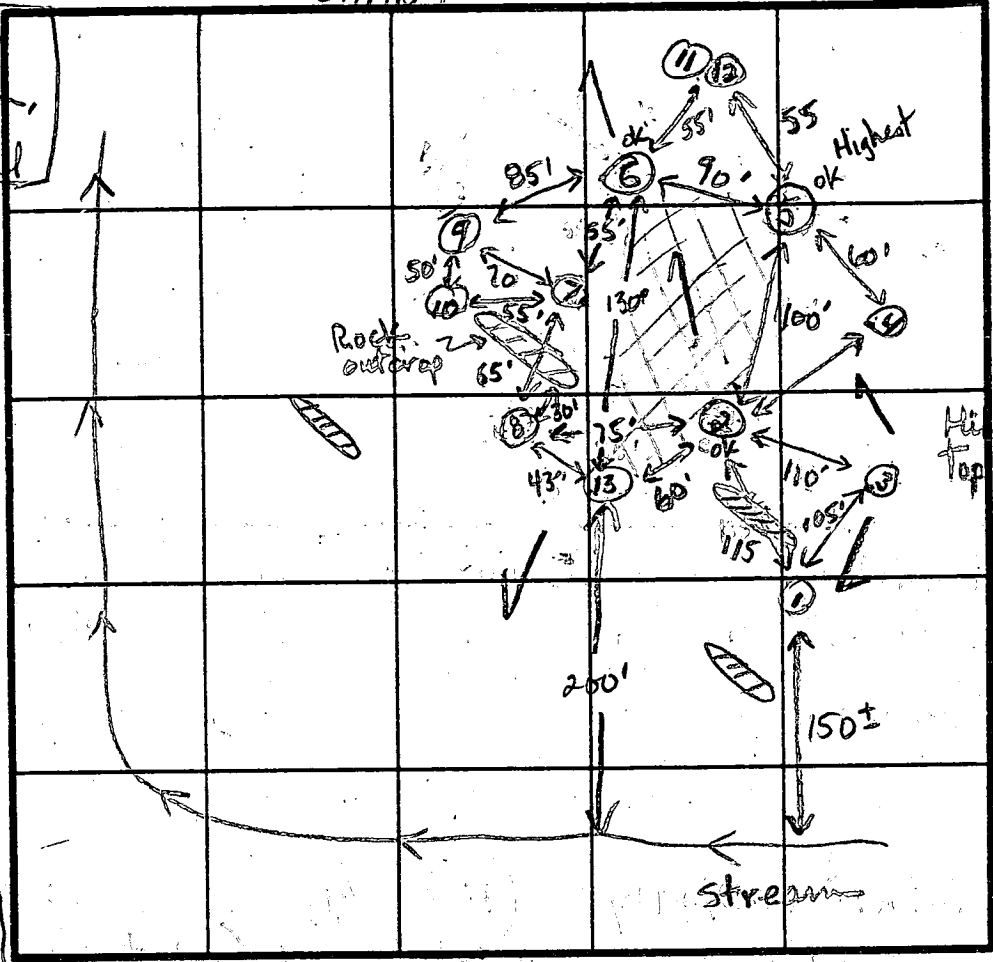
0-5' Brown sa si loam  
 5-11.5' Brown sa loam, <10% rock  
 11.5' Refusal

0-8' Brown sa si loam  
 8' Refusal on rock

0-3' Brown si sa loam  
 3' Refusal

0-4' Brown sa si loam  
 4' Refusal

0-6' Brown sa si loam  
 6' Refusal



High  
 1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
 Hill - Top Lowest

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0-4.5' Brown sandy si loam  
 4.5-11.0' Brown si sandy loam, little rock <10%  
 11.0' Refusal on rock

0-4' Brown sandy si loam  
 4' Refusal

0-4' Brown sandy si loam  
 Brown si sandy loam, some rock <10%  
 4'-9.5' Refusal on rock

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10-14-87	2	4.0' S	2:11	2:26	2:26	2:45	19	
		9.5' D	Bottom (see profile)					
	5	4.5 S	2:27	2:30	2:30	2:36	6	
		11.0 D	Bottom (see profile)					
	6	5.5 S	2:47	2:51	2:51	3:06	15	
		11.5 D	Bottom (see profile)					
	13	3.0 S	3:17	3:24	3:24	3:42	18	
		11.5 D	Bottom (see profile)					

0-4.5' Brown clayey sa si loam  
 4.5-11.5' Brown sa si loam  
 11.5' Bottom

0-3' Br si loam  
 3' Refusal

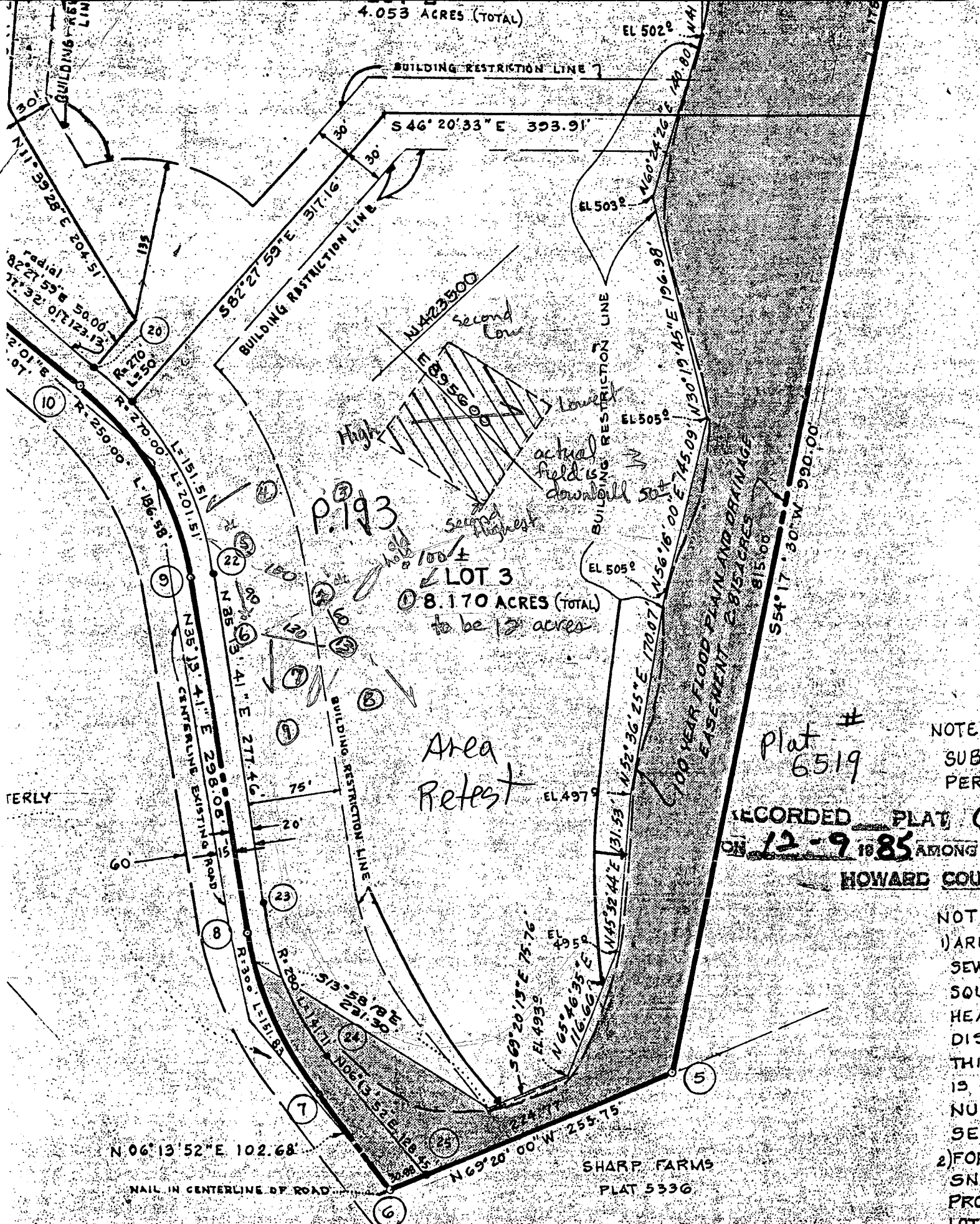
0-7' Br si loam  
 7' Refusal

Geol. A. Nadeau  
 5 of Hyde Pk  
 across Victoria  
 Albert  
 12-10-79  
 REMARKS

Rock outcrops around hilltop. OK to move 10ft up from ⑤ & 10' downhill from ⑬ (H. Richard Moale '87) SURVEYOR

TYPE OF SOIL 0-5' Br sa si loam, 5-11 Br sa si, <20% rock  
 TESTED BY A. Nadeau  
 ALSO PRESENT Robert Sharp

4.053 ACRES (TOTAL)



Area  
Retest

LOT 3  
8.170 ACRES (TOTAL)  
to be 12 acres

Plat #  
6519

RECORDED PLAT C  
ON 12-9-85 AMONG THE  
HOWARD COUNTY

NOTE:  
SUBJE  
PER

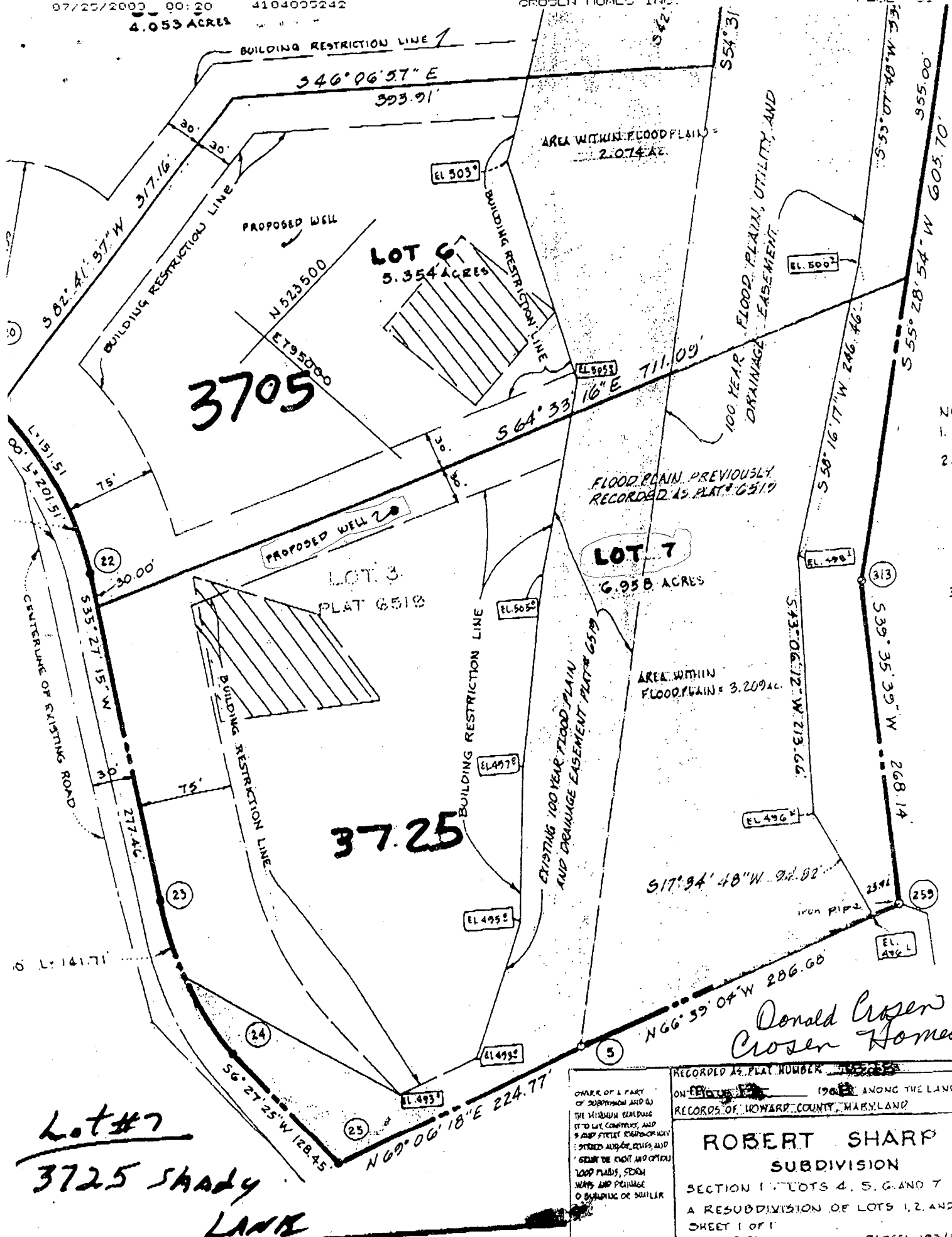
- NOTES
- 1) AREA SEWA SQUA HEAL DISP THIS IS AV NULL SEWA
  - 2) FOR I SNOV PROV LOT D
  - 3) EL49

SHARP FARMS  
PLAT 5336

● INDICATES IRON PIPE OR IRON BAR SET

Map 21 Parcel 193

OWNERS CERTIFICATE



- NOTES:
1. SUBJECT
  2. AREA EASE BY MI IMPR SEWAG EXCEL LASC!
  3. FOR SNC PR AND ORI
  4. [EL]
  5. ●
  6. TH ST HC S S
  7. E
  8. D. F

Lot #7  
37.25 Shady Lane

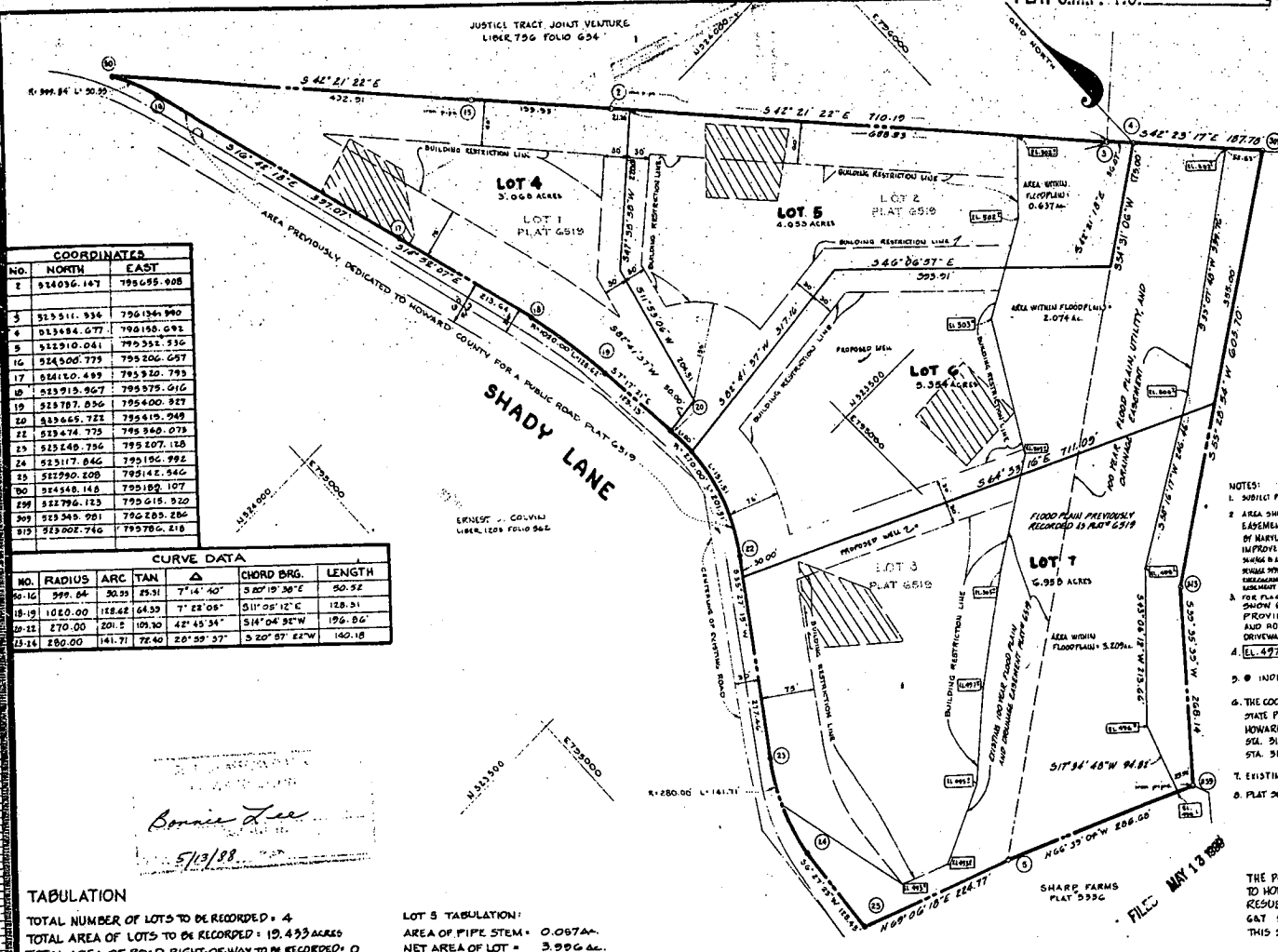
CERTIFICATE  
SHARP AND ROBERT V.L. SHARP OWNERS OF LOTS 4, 5, AND A PART OF LOTS 6 & 7, AND, NI  
HEREBY

OWNER OF A PART OF SUBDIVISION AND IN THE VARIOUS BUILDING...  
RECORDED AS PLAT NUMBER 1983-258  
ON FEBRUARY 19, 1983 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

**ROBERT SHARP SUBDIVISION**  
SECTION 1, LOTS 4, 5, 6, AND 7  
A RESUBDIVISION OF LOTS 1, 2, AND 3  
SHEET 1 OF 1  
TAX MAP 21 PARCEL 193 (PART OF 45)  
4TH ELECTION DISTRICT OF HOWARD COUNTY, MD.  
SCALE: 1" = 100' DATE: Dec. 3, 1987



VICINITY MAP  
SCALE: 1"=1 MILE



**COORDINATES**

NO.	NORTH	EAST
1	934036.147	799695.008
2	913511.534	796134.992
3	913484.677	796150.982
4	912910.041	795352.536
5	914300.779	795206.657
6	914160.489	795320.793
7	913919.967	795275.616
8	913787.856	795400.827
9	913645.723	795410.948
10	913474.725	795342.078
11	913249.756	795207.158
12	913117.842	795196.992
13	912990.208	795142.546
14	912848.148	795102.107
15	912796.123	795015.520
16	912745.901	794985.286
17	912692.746	795070.218

**CURVE DATA**

NO.	RADIUS	ARC	TAN	Δ	CHORD	BRG.	LENGTH
18-16	997.04	30.39	25.31	7°14'40"	520'19"36"E	50.52	
18-19	1060.00	18.62	64.39	7°22'05"	511°05'12"E	128.31	
19-22	270.00	201.3	109.30	42°45'34"	514°04'22"W	196.06	
23-24	280.00	141.71	72.40	20°59'37"	320°27'27"W	140.18	

*Bonnie Lee*  
5/13/88

- NOTES:**
- SUBJECT PROPERTY ZONED "R" PER 6-1-85 COMPREHENSIVE ZONING PLAN.
  - AREA SHOWN THUS DESIGNATED A PRIVATE DRAINAGE EASEMENT OF APPROXIMATELY 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE HEALTH DEPARTMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE IMPROVEMENTS SHALL BE AT THE EXPENSE OF THE PUBLIC SEWER AGENCY. THE COUNTY SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ANY SUCH IMPROVEMENTS WITH THE FUTURE SEWER LAYOUT. PROVISIONS OF A SEWER FRAME ASSESSMENT SHALL NOT BE APPLICABLE.
  - PIPE FLAG OR PIPE OVER THE LOT, REFUSE COLLECTION, SNOW REMOVAL, AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND ROAD RIGHT-OF-WAY LINE AND EXT TO THE FLAG OR PIPE STEM DRIVEWAY.
  - ELL 4977 INDICATES 100 YEAR FLOOD PLAIN ELEVATION.
  - INDICATES IRON ROD OR IRON PIPE SET.
  - THE COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE PLANE GRID SYSTEM AND DERIVED FROM THE FOLLOWING HOWARD COUNTY CONTROL STATION: STA. 3153002: N 920 899.536 E 796692.062 STA. 3153003: N 921 691.021 E 796696.820
  - EXISTING STRUCTURE LOCATED ON LOTS.
  - PLAT SUBJECT TO F-85-34

THE PURPOSE OF THIS PLAT IS TO ROTATE THE COORDINATES TO HOWARD COUNTY CONTROL TRAVERSE AND TO RESUBDIVIDE LOT 3 AS SHOWN ON PLAT 6919 TO LOTS 6&7 SHOWN HEREON ADDING 4.144 ACRES TO THIS SUBDIVISION.

**TABULATION**

TOTAL NUMBER OF LOTS TO BE RECORDED: 4  
 TOTAL AREA OF LOTS TO BE RECORDED: 19.493 ACRES  
 TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE RECORDED: 0  
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 19.493 ACRES

LOT 5 TABULATION:  
 AREA OF PIPE STEM: 0.097 AC.  
 NET AREA OF LOT: 3.996 AC.  
 TOTAL LOT AREA: 4.093 AC.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 4-20-88  
 COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*[Signature]* 4-29-88  
 DIRECTOR

APPROVED FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 4/23/88  
 DIRECTOR

**SURVEYOR'S CERTIFICATE**  
 I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF PARTS OF THE LANDS COVERED BY LANDWILT SHARP FARM, LLC TO ROBERT V.L. SHARP AND FRANCES E. SHARP, HIS WIFE BY DEED DATED APRIL 1986 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND AS LIBER 1049 AT FOLIO 467, AND PART OF THE LANDS OWNED BY LANDWILT SHARP FARM, LLC TO NICHOLAS O. SHARP BY DEED DATED FEBRUARY 30, 1983 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS LIBER C.M.P. 1283 AT FOLIO 630 AND THAT ALL MONUMENTS ARE IN PLACE, OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE SUBDIVISION AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

*[Signature]*  
 NICHOLAS O. SHARP  
 1101 KEYMAR ROAD  
 WOODS BORO, MARYLAND 21788

**OWNER'S CERTIFICATE**  
 WE, FRANCES E. SHARP AND ROBERT V.L. SHARP OWNERS OF LOTS 4, 5, AND PART OF LOTS 6, 7, AND NICHOLAS O. SHARP OWNER OF A PART OF LOT 3 SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS: (1) THE RIGHT TO LAW, CONSTRUCT, AND MAINTAIN SEWERS, DRAINAGE, WATER PIPES, AND OTHER MANHOLES UTILITIES AND SERVICES IN AND UNDER ALL RIGHTS AND FEET RIGHTS OF ANY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON (2) THE RIGHT TO REQUIRE DEPOSITIONS FOR PUBLIC USE OF THE STREETS AND/OR RIGHTS AND FLOOD PLANS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOP AND OTHER VALUABLE CONSIDERATIONS, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR RIGHTS AND FLOOD PLANS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEPOSITIONS OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.

WITNESS OUR HANDS THIS 10th DAY OF Dec 1987.  
 Robert V.L. Sharp  
 Frances E. Sharp  
 Nicholas O. Sharp  
 5009 SHADY LANE  
 GLEENWOOD, MARYLAND 21738

RECORDED AS PLAT NUMBER \_\_\_\_\_  
 ON \_\_\_\_\_ 1988 \_\_\_\_\_ AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

**ROBERT SHARP**  
**SUBDIVISION**  
 SECTION 1 - LOTS 4, 5, 6 AND 7  
 A RESUBDIVISION OF LOTS 1, 2, AND 3  
 SHEET 1 OF 1  
 TAX MAP 21 PARCEL 193 (PART OF 45)  
 4TH ELECTION DISTRICT OF HOWARD COUNTY, MD.  
 SCALE: 1"=100' DATE: Dec. 5, 1987  
 REVISED: FEB. 10, 1988

*Need perc cert*

# HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.  
COUNTY HEALTH OFFICER



Bureau of Environmental Health  
3525 Ellicott Mills Drive  
Ellicott City, Maryland 21043

Director - 461-9956  
Water & Sewerage, Permits - 461-9933  
Community Environmental Health - 461-9944  
Technical Services - 461-9955

October 27, 1987

Mr. Robert Sharp  
3699 Shady Lane  
Glenwood, Maryland 21738

RE: Percolation Testing  
Sharp Farms - Lot 3  
Shady Lane

Dear Mr. Sharp:

Percolation testing conducted October 14, 1987 on the above referenced property indicated satisfactory soil conditions.

Approval of the new sewage easement is contingent upon submission by a registered engineer of a plat showing certified test hole locations and a suitable house and well site.

This should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,

A handwritten signature in cursive script that reads "Craig Williams".

Craig Williams, Director  
Water and Sewerage Program

CW:JR



SEPTIC SPECIFICATIONS WORK-SHEET

SUBDIVISION: Robert Sharp Subdivision

A 40136

STREET NAME: 3725 Shady Lane

LOT NUMBER: 7

AVERAGE PERCOLATION RATE: 14.5

SQUARE FEET PER BEDROOM: 210

NUMBER OF BEDROOMS: 4

LINEAR FEET OF TRENCH PER BEDROOM: 43.5

TOTAL LINEAR FEET OF TRENCH: 174

SEPTIC TANK CAPACITY: 1250

TOP SEAMED TANK REQUIRED?  YES  NO

COMPARTMENTED TANK REQUIRED?  YES  NO

TRENCH DIMENSIONS: 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.

===== PUMPED SYSTEM PROPOSED:  YES  NO

PUMPED SEPTIC SYSTEM DETAIL: 1000 gallon pump chamber. (minimum)

YES  NO Top seamed pump chamber required?

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pumped septic system.

===== LOCATION: MOVE DB 33 ft SOUTH EAST FROM NORTH CORNER OF SEPTIC EASEMENT AT THE 520 ft ELEVATION. 2 TRENCHES START (1) TRENCH 74 ft AND 12 ft CTR TO 2ND 100 ft TRENCH. MAINTAIN TRENCHES WITH CONTOUR AS MUCH AS POSSIBLE.

ADDITIONAL NOTES: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reviewer: FRANK ALONSO

Date: 11/24/03

$$210 \text{ ft}^2 \times 4 \text{ br.} = 840 \text{ ft}^2$$

$$\frac{840 \text{ ft}^2}{3 \text{ ft wide}} = 280 \text{ ft};$$

$$280 \text{ ft} \times 0.62 - 2 \text{ ft side wall overhd} = 174 \text{ ft}$$

# FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS  
and LAND SURVEYORS

Terrill A. Fisher, P.E., L.S.  
Earl D. Collins, P.E.  
Ronald B. Carter, L.S.  
Charles J. Crovo, Sr., P.E., L.S.

## Transmittal

Via:  Fax  Mail  Messenger  E-Mail  To Be Picked Up  
 Fax (original to follow via U.S. Mail)

To: Ho. Co. Health	Attn: FRANK ALFONSO
	Fax:
	Phone:

From: Brian WEAVER	CC:
--------------------	-----

Re: Robert Sharp Lot 7	W.O.#
Date:	Pages: 3 Page(s) Including this cover

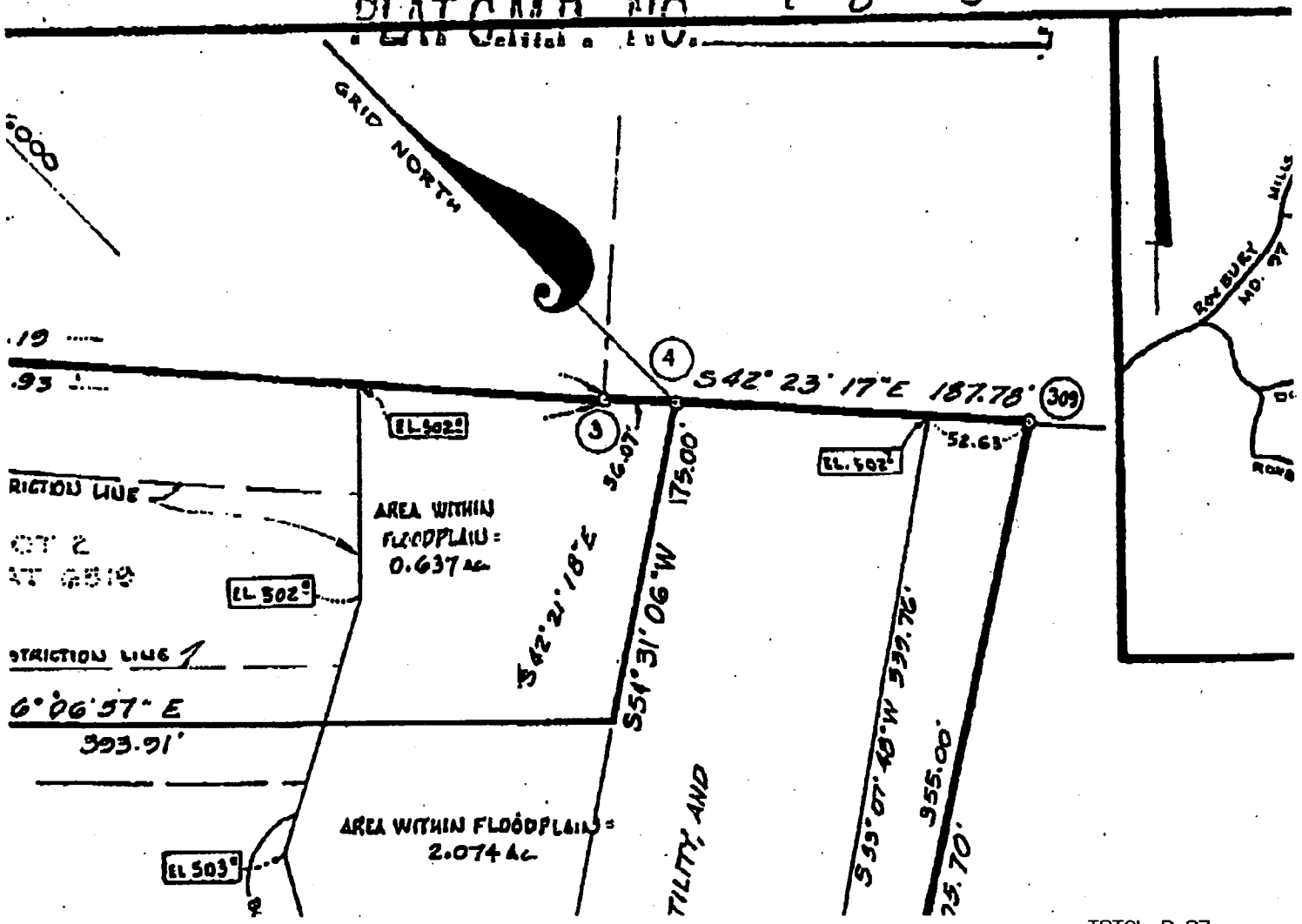
We are forwarding:					
<input checked="" type="checkbox"/> Prints	<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Specifications	<input type="checkbox"/> Shop drawings	<input type="checkbox"/> Other	
<input type="checkbox"/> Urgent	<input type="checkbox"/> For your use	<input type="checkbox"/> As requested	<input type="checkbox"/> For Review & Comment		

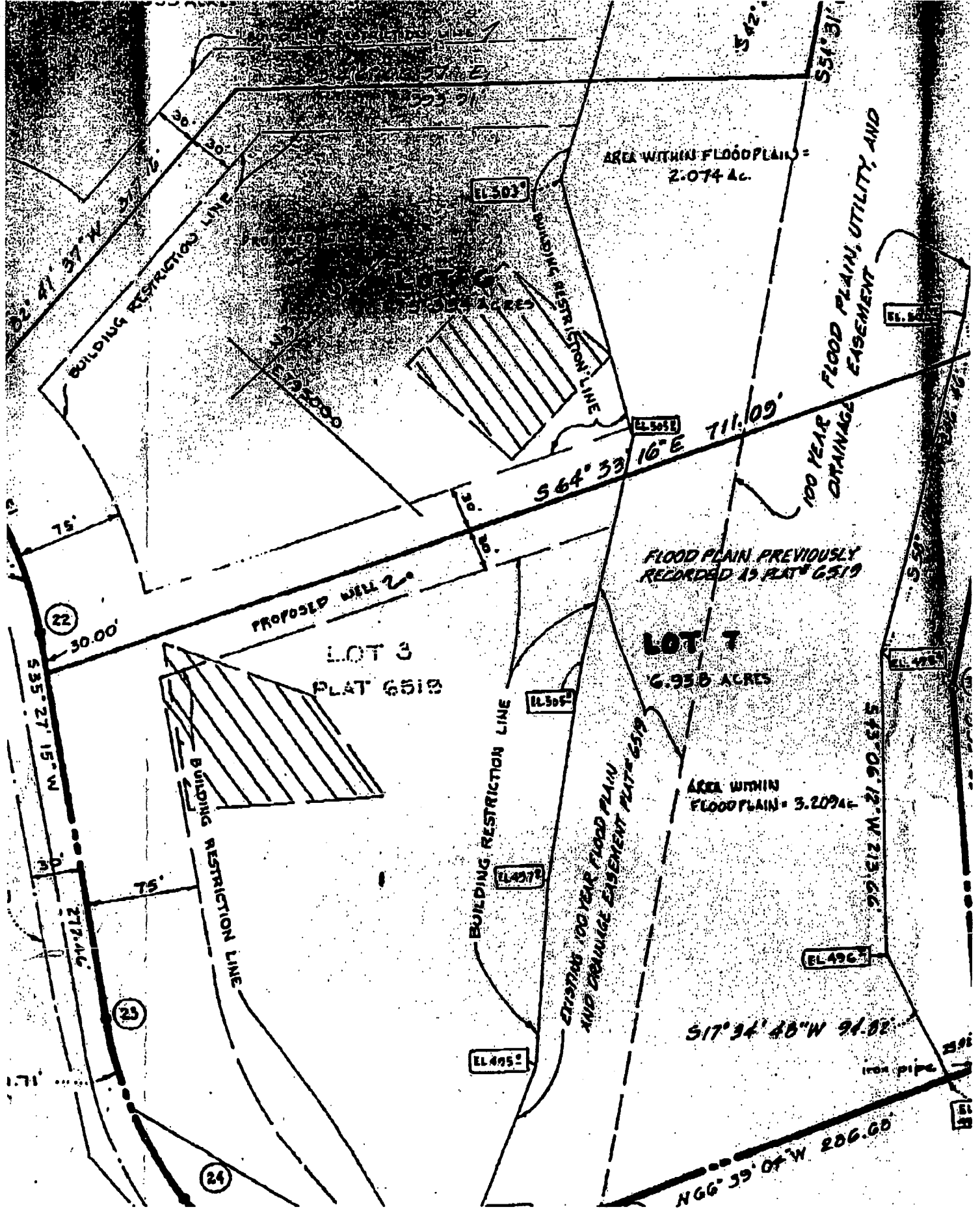
Remarks:  
As requested 3725 Shady Lane  
B.P. # 145129

### CONFIDENTIALITY NOTICE

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DIACARD NO. 7828





7828

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS 3430 COURT HOUSE DRIVE ELLICOTT CITY, MD 21043 PERMITS (410) 313-2456 INSPECTIONS (410) 313-1810 AUTOMATED INFORMATION (410) 313-3800	HOWARD COUNTY PERMIT APPLICATION	PERMIT NUMBER B-145129 GA
---	-------------------------------------	------------------------------

Building Address 3725 Shady Lane  
Glenwood, MD 21738

Suite/Apt. #: \_\_\_\_\_ SDP/WP/Petition #: \_\_\_\_\_

Census Tract 604002 Subdivision Robert Sharp

Section 1 Area \_\_\_\_\_ Lot 7

Tax Map 21 Parcel 193 Grid 11

Zoning PRO-0 Map Coordinates 909 Lot size 6.938 ac.

Property Owner's Name Robert & Ann Sharp

Address 700 Weller Drive

City Mt. Airy State MD Zip Code 21773

Home Phone (410) 489-6624 Work Phone \_\_\_\_\_

Applicant's Name & Mailing Address, (if other than stated hereon):

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Existing Use vacant lot

Proposed Use single family dwelling

Estimated Construction Cost \$ 500,000.

Description of Work 2 story, 4 BR, 3 1/2 baths, screened-in porch, wood deck & 3 car garage, unfinished basement

Contractor Company Crosen Homes, Inc.

Contact Person Donald O. Crosen

Address 3785 Shady Lane

City Glenwood State MD Zip Code 21738

License No. 868

Phone (410) 442-8262 Fax (410) 489-5242

Occupant or Tenant Robert & Ann Sharp

Contact Name Donald O. Crosen, Pres.

Address 3785 Shady Lane

City Glenwood State MD Zip Code 21738

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Engineer or Architect Company Fisher, Collins & Carter

Contact Person Brian Luchinbaugh

Address 10272 Baltimore Nat'l Pike

City Ellicott City State MD Zip Code 21042

Phone (410) 461-2855 Fax (410) 750-3784

BUILDING DESCRIPTION - COMMERCIAL

Building Characteristics	Utilities
Height: _____	Water Supply: _____ Public _____ <input checked="" type="checkbox"/> Private
No. of stories: _____	Sewage Disposal: _____ Public _____ <input checked="" type="checkbox"/> Private
Gross area, sq. ft. per floor: _____	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Heating System: _____ Electric <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Construction type: _____ Reinforced Concrete _____ Structural Steel _____ Masonry _____ Wood Frame _____	Sprinkler system: N/A <input type="checkbox"/> Full _____ Partial _____ Other Suppression _____ # of Heads _____
_____ State Certified Modular	

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics	Utilities
SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____	Water Supply: _____ Public _____ Private _____
1st floor: _____	Sewage Disposal: _____ Public _____ Private _____
2nd floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Basement: _____	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms: _____	Sprinkler system: N/A <input type="checkbox"/> NFPA #13D _____ NFPA #13R _____ Other: _____
Multi-family dwellings: _____ No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: <u>4 BR</u>	
Other Structure: _____ Dimensions: _____ Footings: _____ Roof: _____	
_____ State Certified Modular Manufactured Home	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Donald O. Crosen  
 Applicant's Signature

\_\_\_\_\_  
 Title/Company

Donald O. Crosen, Pres.  
 Print Name

11/17/03  
 Date

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**  
 \*\* PLEASE WRITE NEATLY AND LEGIBLY. \*\*  
 - FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ		
Health	<u>11/24/03</u>	<u>[Signature]</u>
Fire Protection		

Is Sediment Control approval required prior to issuance?  
 YES  NO

CONTINGENCY CONSTRUCTION START:

ONE STOP SHOP:

DPZ SETBACK INFORMATION	PROPERTY ID#: <u>60214</u>
Front: <u>25</u>	Filing fee \$ _____
Rear: <u>300 (Flood Plain)</u>	Permit fee \$ _____
Side: <u>30</u>	Excise tax \$ _____
Side St.: _____	Add'l per. fee \$ _____
All minimum setbacks met? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES \$ _____
Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid \$ _____
Historic District? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Balance due \$ _____
Lot Coverage for NewTown Zone _____	Check # <u>351</u>
SDP/Red-line approval date _____	Validation # <u>25045</u>

Accepted by [Signature]

# FILE INQUIRY FORM

11/30  
11/20/03

Called Fisher, Collins & Carter & requested a copy of the perc. cert plan for ~~the~~ our files (regarding lot #7 on Robert Sharp property) - 3725 Shady Lane. (FR)

11/30

11/20/03

Call from Linda requests information on septic drainage lines layout. Told her I could not give her information on this until I got information from Engineer on Perc Cert Plan.

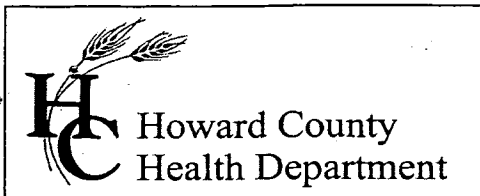
11/30

11/24/03 Reply to Robert Joseph sent what information hepped on adjoining wells of ~~septic~~ septic to

11/30

11/24/03

Received fax from Brian Woodrough on 11/23/03 of Fisher, Collins & Carter on lot #7 property. (FR)



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-1771 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

October 19, 2004

Robert & Ann Sharp  
700 Weller Drive  
Mt. Airy, MD 21773

**SENT VIA FACSIMILE 410-489-5242**

RE: Robert Sharp, Lot 7  
3725 Shady Lane  
Glenwood, MD 21738  
BP #: B00145129  
Well Permit # HO-94-3815

Dear Mr. & Mrs. Sharp:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 10/13/2004. Final approval of the well line connection to the dwelling was approved on 04/29/2004.**

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

#### **INTERIM CERTIFICATE OF POTABILITY**

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-3815. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: 10/04/2004 & 10/08/2004  
Date of Well Completion: 10/23/2003

Approving Authority,

*Brian Baker*

Brian Baker, R. S.  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File