

LAYOUT 4/30/02 11am INSP 4 _____
 INSP 2 5/1/02 12:00 INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 4/24/02
 APPROVAL DATE: 5/1/02

**PERMIT
INDEXED**

P 516951
 A 50681-A

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

04-361806

UNION PAVING CO. INC IS PERMITTED TO INSTALL ALTER
 ADDRESS: 5977 SANDY RIDGE RD PHONE NUMBER: 410-379-6463
 SUBDIVISION: Hinzman Property LOT NUMBER: 3
 ADDRESS: 822 Hoods Mill Road PROPERTY OWNER: Livesay

SEPTIC TANK CAPACITY (GALLONS): 1000 OUTLET BAFFLE FILTER REQUIRED
 PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED
 NUMBER OF BEDROOMS: 3
 SQUARE FEET PER BEDROOM: 240
 LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3.0 feet below original grade. 1.5 feet of stone below distribution pipe.
LOCATION:	Place distribution box at high point of septic area approximately 80' ^{100'} 90' from the North (638') lot line and 19.5' from the intersection the West (rear) lot line. Run trenches along contour within the platted sewage disposal easement.
NOTES:	

PLANS APPROVED: Frank Skinner OK MR 3/18/02 DATE: 3/04/2002

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**

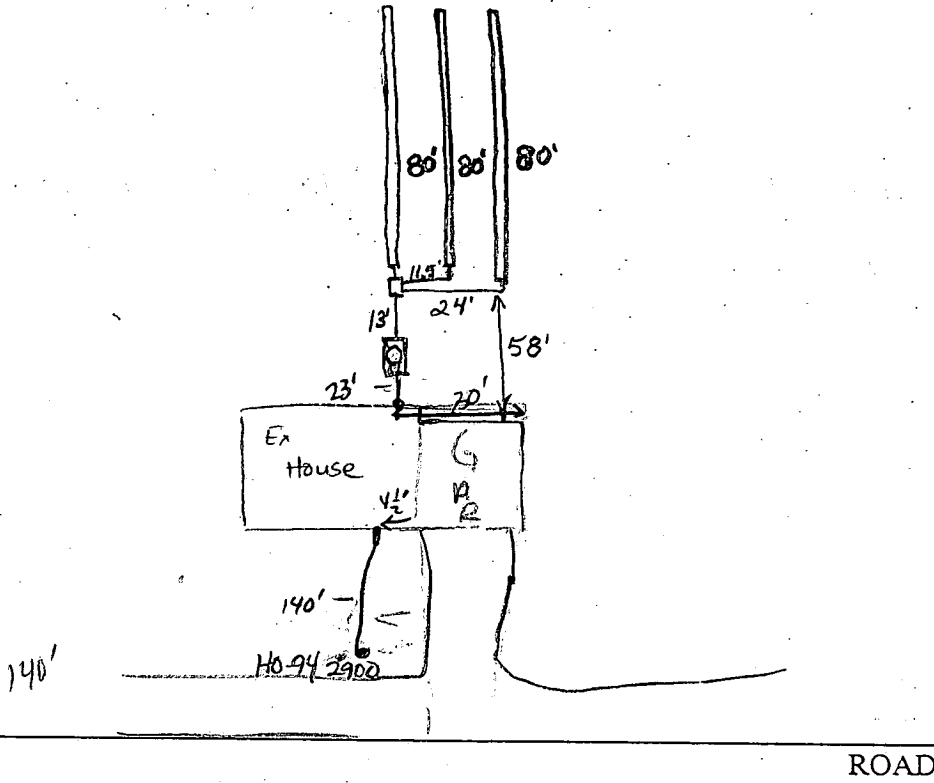
A 50681-A

NOT TO SCALE

CONCRETE

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	4.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		240'
ABSORPTION AREA		720 sq ft
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		✓

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1000 GAL
SEAM LOC	TS
TANK LID DEPTH	2 1/2'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	middle
6" PORT LOC	front
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL N/A	
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—

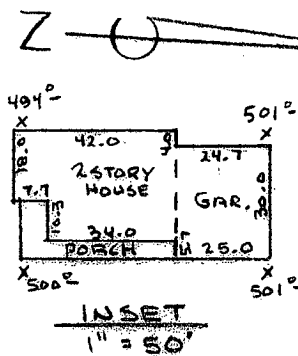


PRE-CONSTRUCTION 4/30/02 Topo OK. Fall from house → tank → trenches a
 Concern. Cannot drop system due to 8' hard bottom. Builder ok'd
 in writing to pull SDA closer to house. D.B. TO BE 20' from tank to ensure 1/4"
 INSTALLATION of fall per foot. OK TO STREET 3-80' trenches 12' CTC. (K6)
 5/1/02 System satisfactory. O.K. to cover everything. (BA)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 5/1/02

ZIMMERLY
2114/577

4/30/02
Suggested
pulling easement
closer to house
for gravity service
S.R.M.

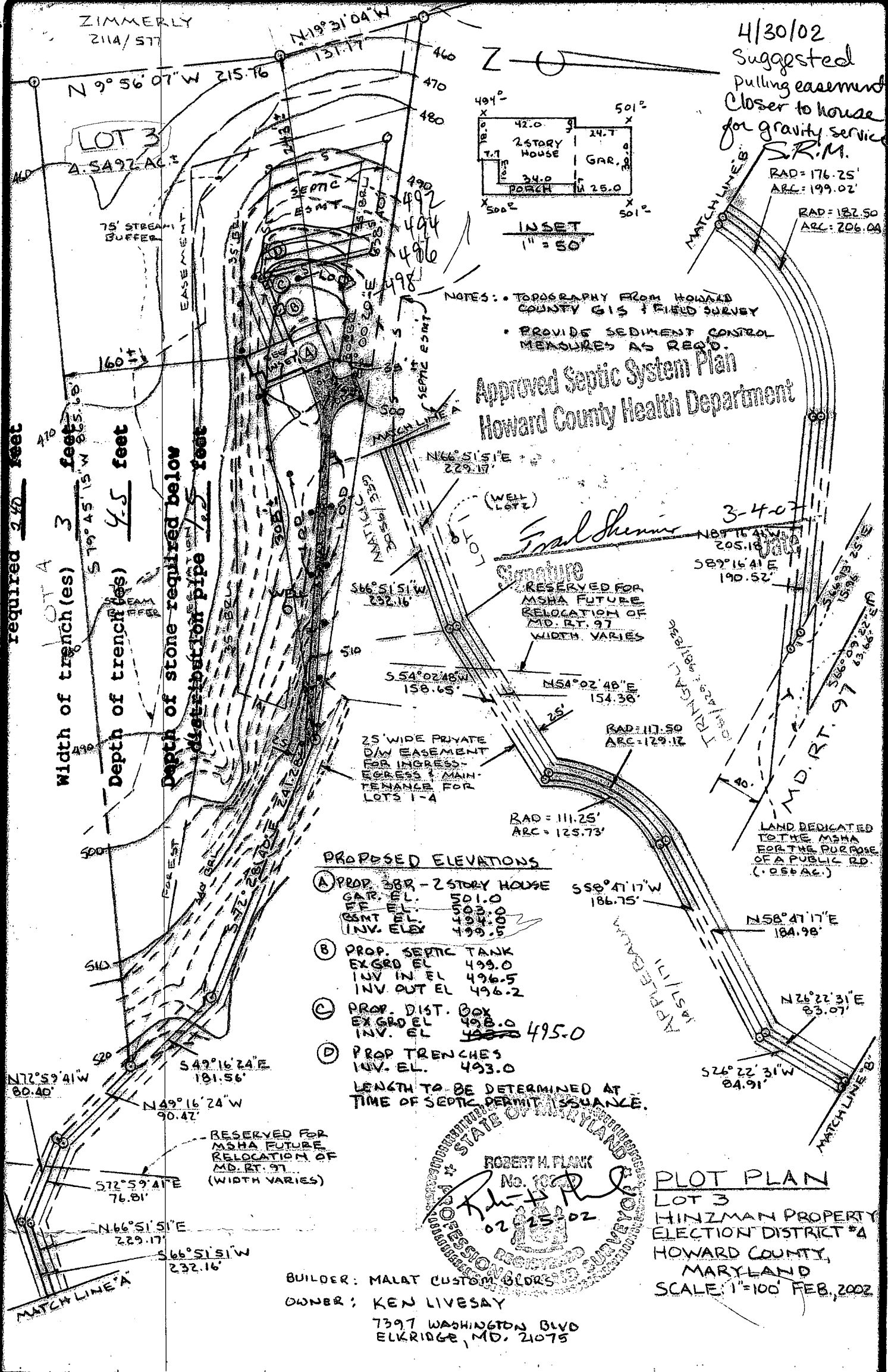


RAD = 176.25'
ARC = 199.02'
RAD = 182.50'
ARC = 206.04'

NOTES: • TOPOGRAPHY FROM HOWARD COUNTY GIS FIELD SURVEY
• PROVIDE SEDIMENT CONTROL MEASURES AS REQ'D.

Approved Septic System Plan
Howard County Health Department

Total linear feet of trench required 240 feet
Width of trench (es) 3 feet
Depth of trench (es) 4.5 feet
Depth of stone required below distribution pipe 1.5 feet



PROPOSED ELEVATIONS

- (A) PROP. 2BR - 2 STORY HOUSE
GAR. F.L. 5001.0
1ST FL. 4993.0
2ND FL. 4993.0
INV. ELEV. 499.5
- (B) PROP. SEPTIC TANK
EX GRD EL 499.0
INV IN EL 496.5
INV OUT EL 496.2
- (C) PROP. DIST. BOX
EX GRD EL 498.0
INV. EL. 495.0
- (D) PROP TRENCHES
INV. EL. 493.0

LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.

ROBERT H. FLANK
No. 1000
02-25-02
PROFESSIONAL SURVEYOR
STATE OF MARYLAND

PLOT PLAN
LOT 3
HINZMAN PROPERTY
ELECTION DISTRICT #A
HOWARD COUNTY,
MARYLAND
SCALE: 1"=100' FEB, 2002

BUILDER: MALAT CUSTOM BLDGS
OWNER: KEN LIVESAY
7397 WASHINGTON BLVD
ELKBRIDGE, MD. 21075

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

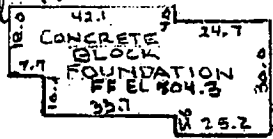
NASSAUX-HEMSLEY, INC.
204 S. MAIN STREET
MOUNT AIRY, MARYLAND 21771
(301) 829-2296

REFERENCE	JOB NO.
PLAT 13553	015Y 1601

JIMMERLY
2114/377

LOT 3
A.5492.ACT

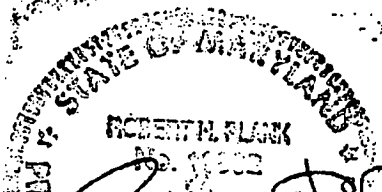
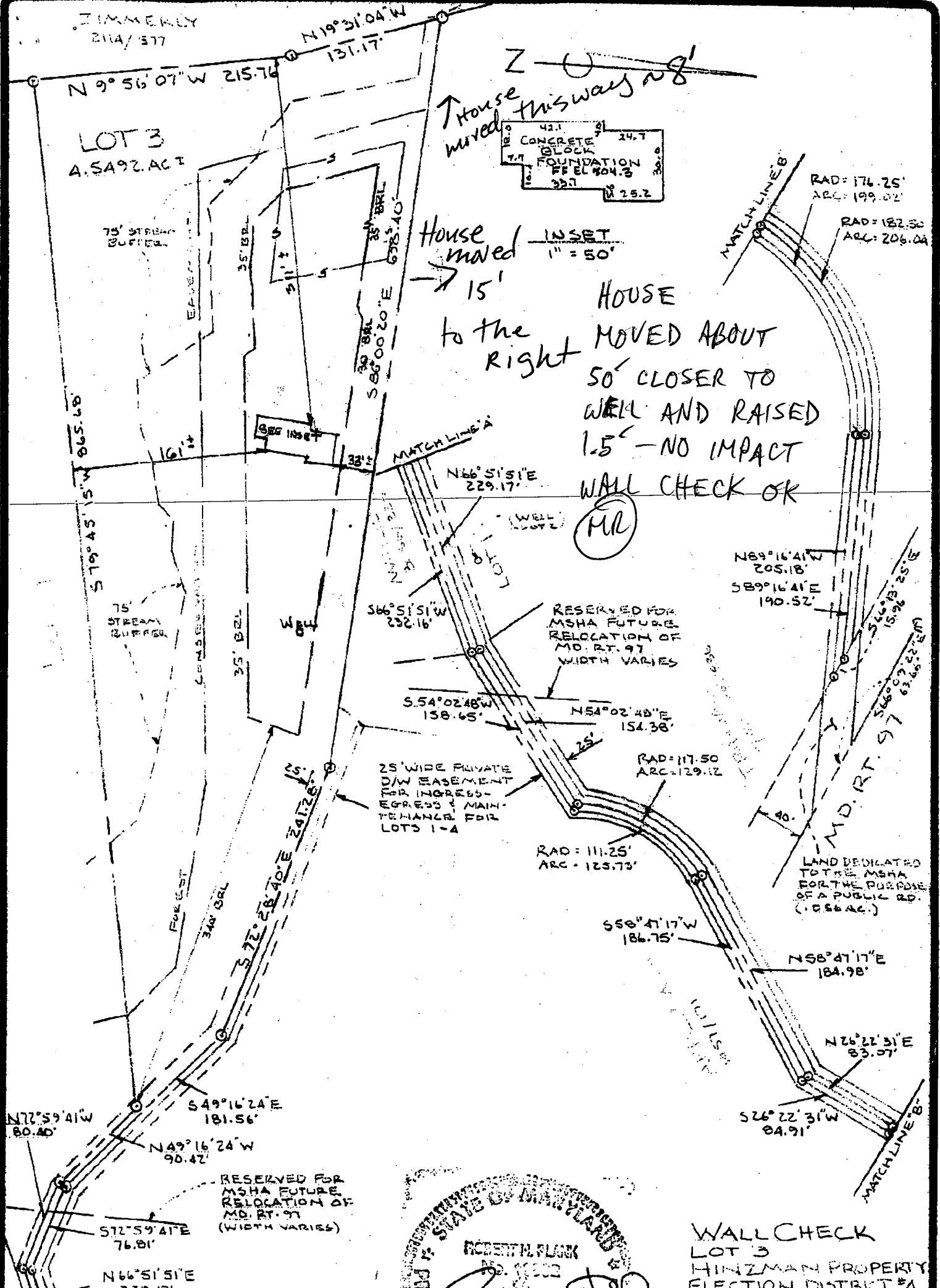
House moved this way \nearrow



House moved \rightarrow 15'

HOUSE MOVED ABOUT 50' CLOSER TO WELL AND RAISED 1.5' - NO IMPACT WALL CHECK OK

MR



WALL CHECK
LOT 3
HINZMAN PROPERTY
ELECTION DISTRICT #4

**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: NEW DIMENSIONS Telephone #: 410 239 4359
Address: 3018 BACHMAN RD.
MANCHESTER, MD. 21102

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): CLARENCE BLAKE License# 15443

*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: LIVESAY, KENNETH Telephone #: 410-552-1429
Subdivision: HINZMAN PROPERTY Lot #: 3 Well Tag #: HO-94-2900
Site Address: 822 RT#97
SYKESVILLE, MD. 21784

Submersible Pump Data

Make: GOULDS
Model #: _____
Pump Capacity 7 GPM
Well Yield: 14 GPM

Pitless Adapter

Make: CAMCEL
Model#: 1"
Depth: 42" (36" min)
NSF approved: _____

Well Cap and Electric Conduit

Two piece watertight cap:
Screened, vented well cap:
Cap secured to casing:
Conduit min 18" B.G.:
Conduit secured to well cap:

Depth of well encountered at time of pump installation: _____ (feet)
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

Type: 1" IPS PLASTIC
PSI: 200 (160 psi min)
Depth of supply line: 42" (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration:
Approximate length of sleeve: 10ft
Sleeve caulked and sealed properly: 2"x1 1/2" FERROCO

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.

C. M. Blake 4/26/02
Signature of company representative responsible for installation date

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

Date Insp. Requested: 4/30/02 11am Date Insp. Approved: 4/30/02 KB
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 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

C1 0207 SEQUENCE NO. (MDE USE ONLY) **STATE OF MARYLAND WELL COMPLETION REPORT** FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER **A 50681A**

ST/CO USE ONLY DATE Received MM DD YY DATE WELL COMPLETED MM DD YY Depth of Well (TO NEAREST FOOT) **240** PERMIT NO. FROM "PERMIT TO DRILL WELL" **HO 94-2900**

OWNER **Norsey Family Homes** first name **Norsey** TOWN **Cooksville**

STREET OR RFD **Hicks Hill Rd** last name **Hicks Hill**

SUBDIVISION **Hinzman Property** SECTION **3** LOT **3**

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	
Brown Shale	0	36	
Blue Rock	36	240	✓

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 **15** NO. OF POUNDS **1410**

GALLONS OF WATER **90**

DEPTH OF GROUT SEAL (to nearest foot)
from **0** ft. to **35** ft.
(enter 0 if from surface)

CASING RECORD

casing type's insert appropriate code below

ST STEEL **CO** CONCRETE
PL PLASTIC **OT** OTHER

MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **40**

60 61 63 64 66 70

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD

screen type of 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. **MSD024**

DRILLERS SIGNATURE **Joseph R. Malone**

(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. **M D**

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

C2 DEPTH (nearest ft.)

DEPTH (nearest ft.)	8	9	11	15	17	21
HO			38			240
A						
C						
H						
S						
R						
E						
N						

SLOT SIZE 1 **2** 3

DIAMETER OF SCREEN (NEAREST INCH) **56** **60**

from to

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

C3

PUMPING TEST

HOURS PUMPED (nearest hour) **3**

PUMPING RATE (gal. per min.) **15**

METHOD USED TO MEASURE PUMPING RATE **Bucket**

WATER LEVEL (distance from land surface)

BEFORE PUMPING **28** ft.

WHEN PUMPING **44** ft.

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 **29**

PLACE (A,C,J,P,R,S,T,O) IN BOX 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) **31** **35**

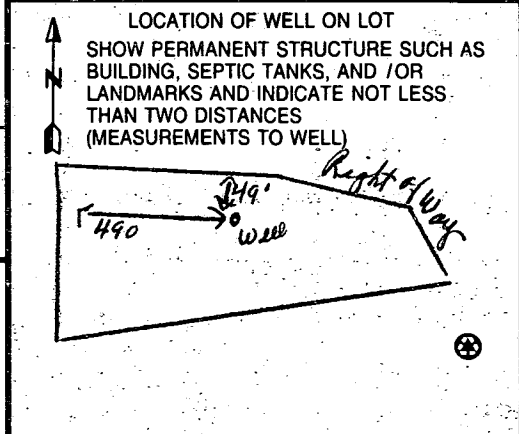
PUMP HORSE POWER **37** **41**

PUMP COLUMN LENGTH (nearest ft.) **43** **47**

CASING HEIGHT (circle appropriate box and enter casing height)

+ above **LAND SURFACE**

- below **2** (nearest foot)



B 1 5936

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

11410 7494 282900 4

fill in this form completely

W5146 23 please print or type

Date Received (APA)

11/3/00

OWNER INFORMATION

Dorsey Family Homes
9926 Cypressmede Dr.
Ellicott City Md 21042

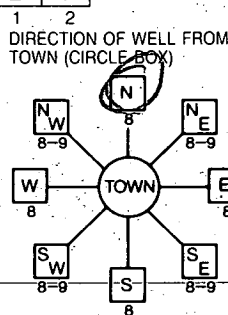
B 3 LOCATION OF WELL

Howard
Hinzman Property
Cooksville
3 MILES FROM TOWN

DRILLER INFORMATION

Joseph L. Mayne MSD 24
Joseph L. Mayne Well Drilling
5512 Ridge Rd. Mt. Airy, Md. 21771
11/2/2000

B 4 DIRECTION OF WELL FROM TOWN



Md. 97 Honda Mill Road

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD



34 1400 37 DISTANCE FROM ROAD FT

ENTER FT. OR MI 38 39

TAX MAP: 88 BLK: 4465 PARCEL: 2204

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
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 AA 5068/A
STATE SIGNATURE
DATE ISSUED 16/15/01
CO. SIGNATURE
NORTH GRID 552 000 EAST GRID 0793 000

APPROXIMATE DEPTH OF WELL 260 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
THIS WELL WILL DEEPEM AN EXISTING WELL

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

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

APPROX. PERMIT NUMBER
PERMIT No. 110-941-29001

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

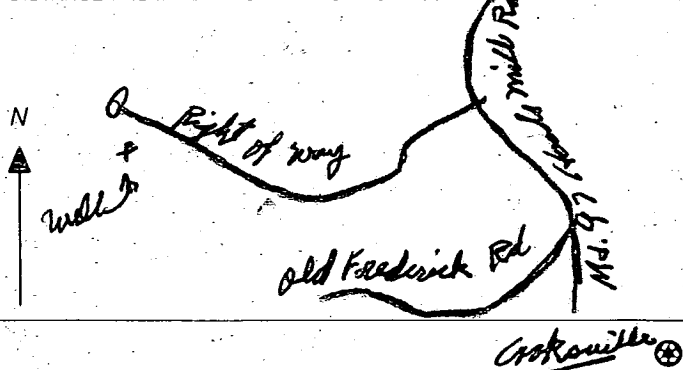
SOURCES OF DRILLING WATER
1. WELL

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7903
N 5502

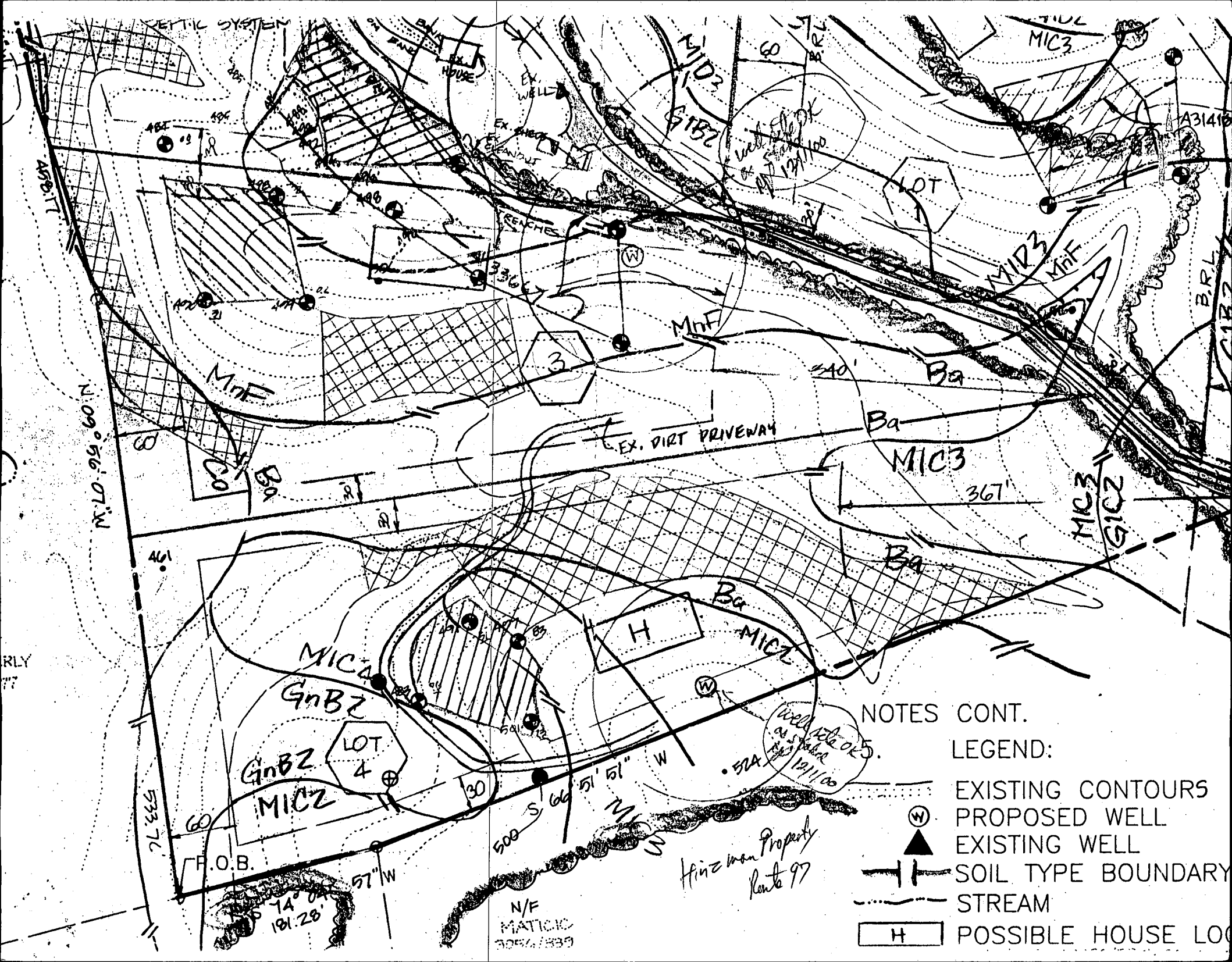
8/20/01 grant cancelled due to very wet soil

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



NOTES CONT.

LEGEND:

EXISTING CONTOURS

PROPOSED WELL

EXISTING WELL

SOIL TYPE BOUNDARY

STREAM

POSSIBLE HOUSE LOCATION

APPLICATION

PERCOLATION TESTING

A 50681A

P _____

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

DISTRICT _____

DATE 5/2/96

LOT 3

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER RANDY L. HINZMAN

ADDRESS 820 HOODS MILL RD. COOKSVILLE, MD 21223 PHONE (301) 854-6182

AGENT OR PROSPECTIVE BUYER COLIN PORTER

ADDRESS 12707 CLAXTON DR., LAUREL, MD. 20708 PHONE (301) 604-1550

PROPERTY LOCATION:

SUBDIVISION HINZMAN PROPERTY LOT NO. 3

ROAD AND DESCRIPTION W. SIDE ROUTE 97, 5000' N. OF OLD FREDERICK RD.

TAX MAP 8 PARCEL # 204

SIZE OF LOT OVER 3 AC TYPE BLDG. (SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Colin Porter
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

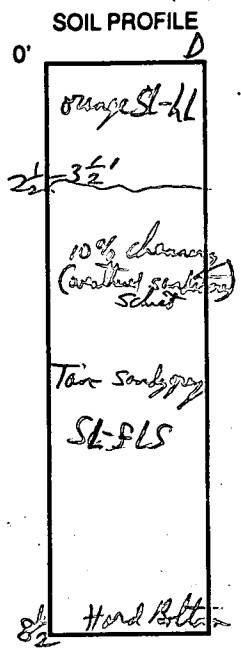
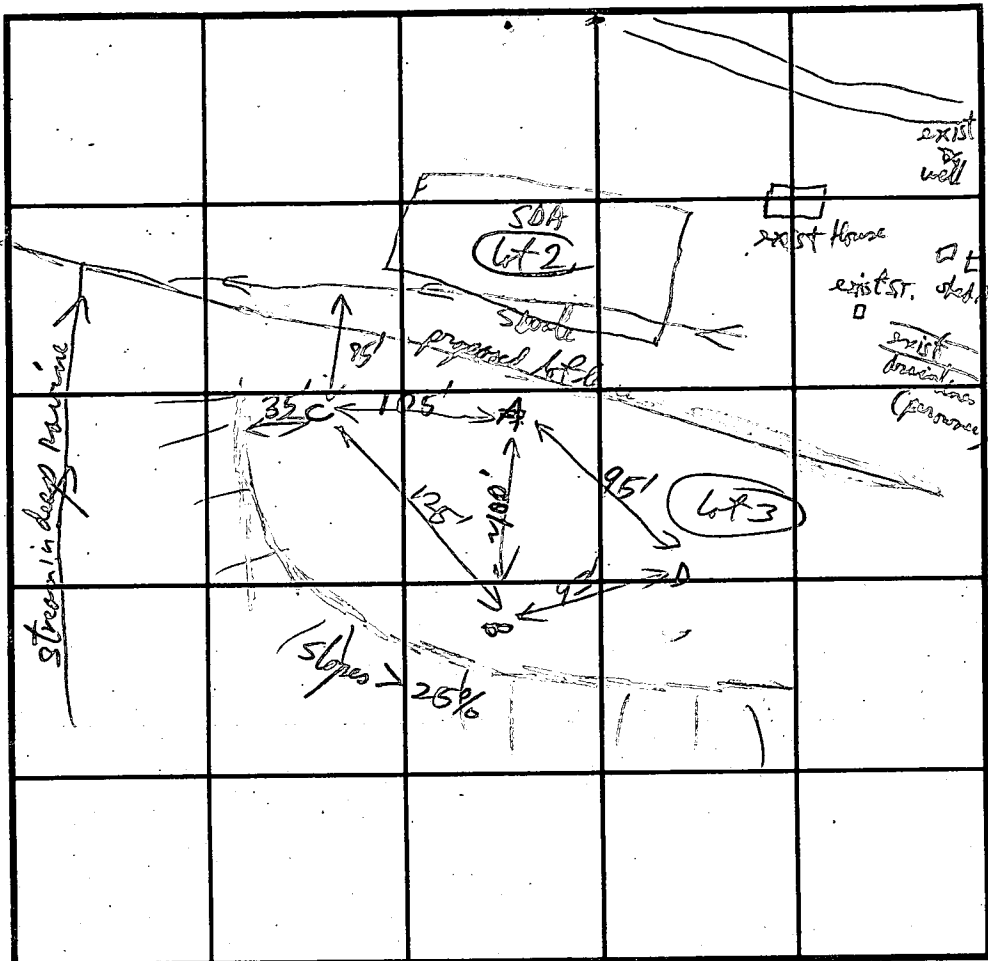
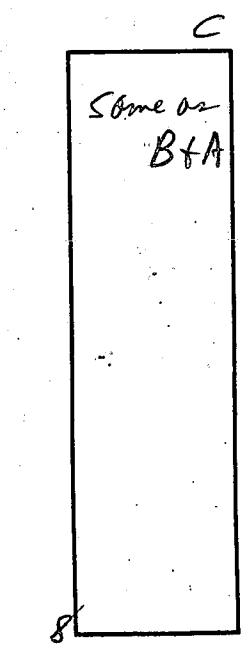
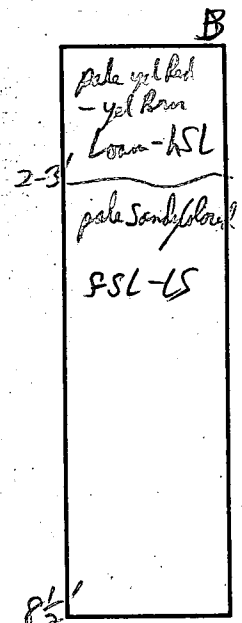
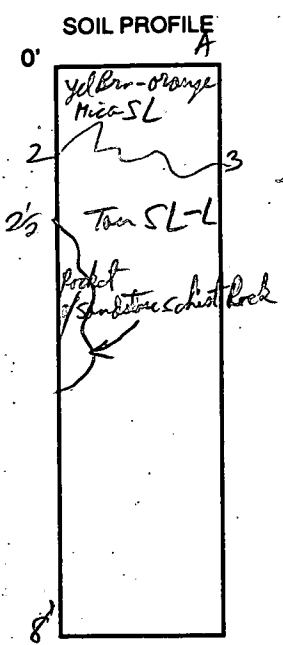
REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

THIS IS NOT A PERMIT

Hinzman Lot 3
COUNTY #



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/10/95	A	3'	10:59:00	→	11:03:00	2min	
		√8'	10:58:30	11:01:00	11:01:00	11:10:10	9min
	B	3 1/2'	11:42:20	11:44:40	11:44:40	11:48:30	4min
		√8 1/2'	11:42:30	11:46:30	11:46:30	11:51:30	5min
	C	3'	11:54:00	11:56:20	11:56:20	12:00:00	4min
		√8'	11:53:30	11:55:40	11:55:40	11:58:40	3.0min
	D	4'	12:08:20	12:18:30	12:18:30	12:48:00	30min
		√8 1/2'	12:08:30	12:12:00	12:12:00	12:16:40	4 1/2 min

REMARKS Shallow only

TYPE OF SOIL _____

TESTED BY RJ Penley ALSO PRESENT Dryer battery, Colter Porter, Pott Leadrum,

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5min TRENCH WIDTH 3

INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 4' SQ. FT./BEDROOM 180

SEE NOTE #9
CONCERNING EX
SEPTIC SYSTEM

LIMITS OF
FIELD RUN
TOPOGRAPHY

MIC3
MID3

MID2
MIB2

MIF

EX
TRENCHES A.B.

6/15/01
EX. DIRT DRIVEWAY

Ba
MI

Ba

Ba

NOTE
5.

TO ROUTE
97 →

H

6.

T
W
S

HINZMAN PROPERTY
PENC PLAT
SIGNED 10/24/95

N/F
DIVE
2909/084

N/F
MATIC
3256/339

N 09° 56' 07" W

461

533.76

F.O.B.

14' 0"

191.28

LOT
4

500

S 66°

51' 51" W

524

57" W

30

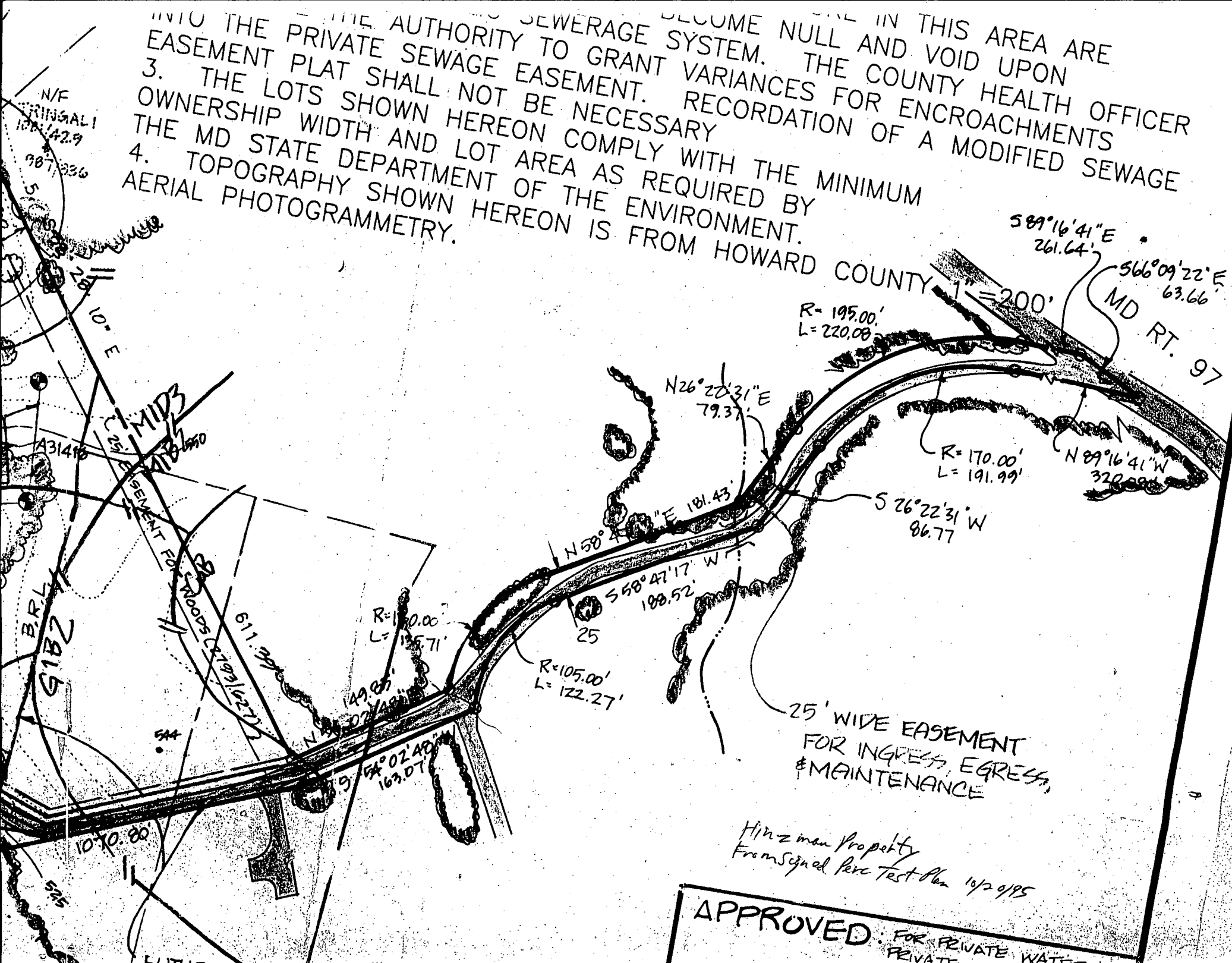
524

ASBETT

N/F
VERLY
577

ADPCCED & LANE

THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS
 INTO THE PRIVATE SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER
 EASEMENT PLAT SHALL NOT BE NECESSARY RECORDATION OF A MODIFIED SEWAGE
 3. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM
 OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY
 THE MD STATE DEPARTMENT OF THE ENVIRONMENT.
 4. TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY
 AERIAL PHOTOGRAMMETRY.



25' WIDE EASEMENT
 FOR INGRESS, EGRESS,
 & MAINTENANCE

Hinzman Property
 From Signal Perc Test Plan 10/20/95

APPROVED FOR PRIVATE WATER
 PRIVATE

- ENVIRONMENT.
9. DESIGNATES IRON PIPE FOUND
 - DESIGNATES REBAR & CAP TO BE SET AFTER RECORDATION OF FINAL PLAT
 - DESIGNATES APPROVED PERC TEST
 - DESIGNATES FAILED PERC TEST
10. THIS PLAT IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED BY SHANABERGER & LANE IN JULY OF 1995.
 11. THE AREAS SHOWN HEREON ARE NOT EXACT BUT ARE ROUNDED TO THE NEAREST 1 SQUARE FOOT AND THE NEAREST 0.0001 ACRE.
 12. THIS PROPERTY IS IN THE "NO PLANNED SERVICE AREA" ON THE MASTER PLAN FOR PUBLIC WATER & SEWER.
 13. THIS SUBDIVISION IS EXEMPT FROM STORMWATER MANAGEMENT REQUIREMENTS BECAUSE ALL LOTS ARE OVER 2 ACRES.

SECTION 16.120.(b)(6)(ii) - PIPESTEM LENGTH
 SECTION 16.1204 - FOREST CONSERVATION PLAN, DEVELOPERS AGREEMENT, SURETY
 SECTION 16.116.(a)(2)(ii) & 16.116.(b)(1) - GRADING, CONSTRUCTION, REMOVAL OF VEGETATION WITHIN 100' STREAM BUFFER AND STEEP SLOPES.

22. THREE ADDITIONAL CONC. ARCH PIPES (2.23' x 3.75' x 15' LONG) ARE REQUIRED UNDER THE EXISTING DRIVEWAY WITHIN THE "PUBLIC 100-YEAR FLOODPLAIN & DRAINAGE UTILITY EASEMENT" SHOWN ON DETAIL #3, THIS SHEET.

23. THIS PLAT IS SUBJECT TO WF-98-96, WHICH, ON APRIL 20, 1998, WAS GRANTED FOR THE FOLLOWING SECTION:

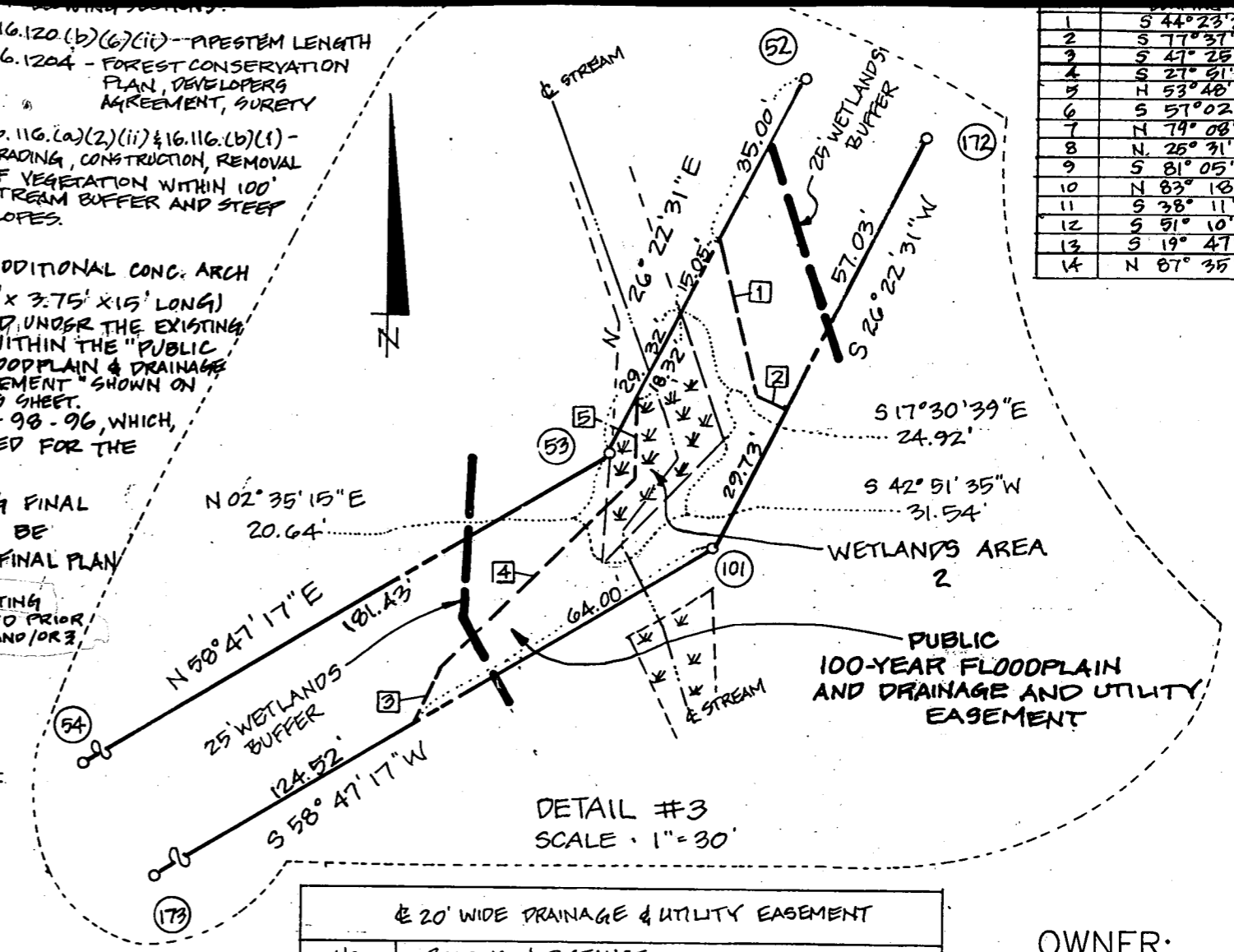
SECTION 16.144(q)(6) - REQUIRING FINAL PLAT ORIGINALS AND FEES TO BE SUBMITTED WITHIN 180 DAYS OF FINAL PLAN APPROVAL.

24. EXISTING TRENCHES SERVING EXISTING HOUSE ON LOT 2 ARE TO BE ABANDONED PRIOR TO TRANSFER OF OWNERSHIP OF LOTS 2 AND/OR 3.

TABULATION OF FINAL PLAT

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:	4
TOTAL AREA OF LOTS AND/OR PARCELS BUILDABLE	19.4958 ACRES±
TOTAL AREA OF RIGHT-OF-WAY TO BE RECORDED INCLUDING WIDENING STRIPS	0.0576 ACRES±
TOTAL GROSS AREA OF SUBDIVISION TO BE RECORDED	19.5534 ACRES±

24. CONT. EXISTING SEPTIC TANK & DISTRIBUTION BOX CAN BE USED, MOVED OR ABANDONED AT OWNERS DISCRETION, SUBJECT TO OBTAINING STANDARD HEALTH DEPT. SEPTIC REPAIR PERMIT.



20' WIDE DRAINAGE & UTILITY EASEMENT	
No.	BEARING & DISTANCE
35	S 72° 27' 13" E - 12.70'
36	S 11° 55' 59" W - 18.42'
37	S 15° 39' 19" E - 32.16'
38	S 21° 33' 40" W - 21.36'
39	S 41° 41' 18" E - 17.82'

1	S 44° 23' 29" E - 22.42'
2	S 77° 37' 01" E - 29.42'
3	S 47° 25' 35" E - 50.22'
4	S 27° 51' 43" E - 25.42'
5	N 53° 48' 11" E - 23.42'
6	S 57° 02' 57" E - 16.42'
7	N 74° 08' 18" E - 18.42'
8	N 25° 31' 53" E - 13.42'
9	S 81° 05' 18" E - 13.42'
10	N 83° 18' 30" E - 27.42'
11	S 38° 11' 57" E - 52.42'
12	S 51° 10' 01" E - 19.42'
13	S 19° 47' 57" E - 14.42'
14	N 87° 35' 43" E - 75.42'

APPROVED: FOR PRIVATE WATER & PRIVATE SEWER SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT.
Jacqueline Brooks 1-11-99
 COUNTY HEALTH OFFICER (C) DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 F 96-104

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
 DIRECTOR DATE

OWNER'S CERTIFICATE

I, RANDY L. HINZMAN, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS SUBDIVISION PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS 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 RIGHT-OF-WAYS 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 SPACES 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 FLOODPLAINS, 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 BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED IN OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS. WITNESS BY OUR HANDS THIS 29TH DAY OF DECEMBER, 1995.

Randy L. Hinzman Dec 29, 1995
 RANDY L. HINZMAN DATE
Christine 12-29-95
 WITNESS DATE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL IS CORRECT; THAT IT IS A SUBDIVISION CONVEYED BY RANDY L. HINZMAN AND I RANDY L. HINZMAN BY DEED DATED JAN AND RECORDED AMONG THE LAND RECORD COUNTY IN LIBER 2741, FOLIO 552; AND ARE IN PLACE OR WILL BE IN PLACE OF THE STREETS IN THE SUBDIVISION IN ACCORDANCE WITH THE ANNOTATED C

G. Scott Shanaberger
 G. SCOTT SHANABERGER
 PROFESSIONAL L.S. #10849

