

11/22/00  
Layout  
10:00  
11/30/00  
pm

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 514649

A 510151

DISTRICT \_\_\_\_\_

DATE 11/15/2000

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXX~~ 410-313-2640

**INDEXED**  
RPS# 363183

DATE SYSTEM APPROVED 11/30/00

INSPECTOR S.R.K.

Glen E. Murphy IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 11794 Ridgeway Drive, Monrovia, MD 21770 PHONE 301-831-9107

SUBDIVISION Wilets Property LOT 2 ROAD 1940 Long Corner Road

PROPERTY OWNER Glenn E. Murphy

## BUILDING PERMIT SIGNED

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS 3/18/04 BOV 146856-DECK

NUMBER OF BEDROOMS 3 11/3/00 BOV 156865-DECK

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Install distribution box 155 feet from the front lot line and 115 feet from the right lot line as seen when facing the lot from Long Corner Road. Run 3-70' trenches toward the right lot line or 2-55' trenches & 2-50' trenches toward the left lot line.

NOTES - Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.  
12/27/99 OK DU

PLANS APPROVED BY Amy McMillen DATE 12-15-99

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

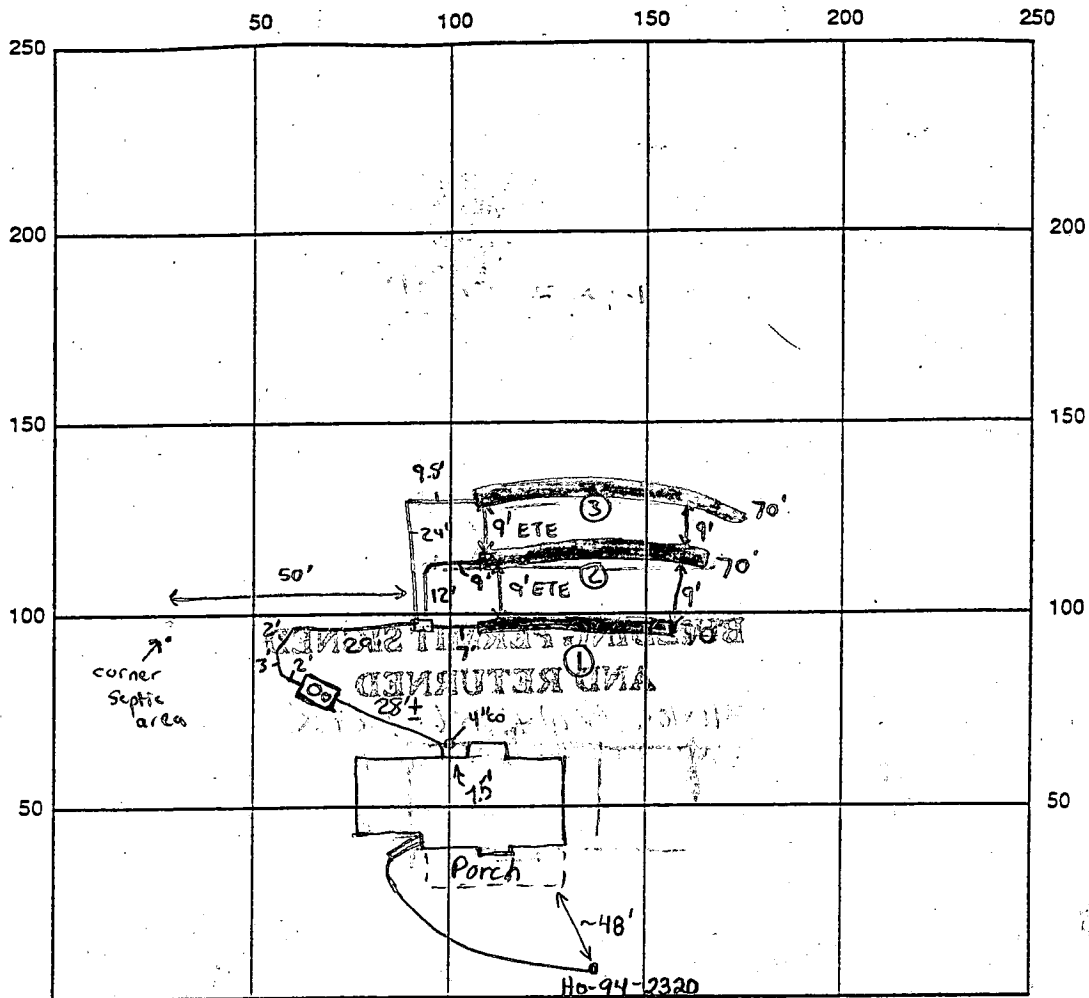
PERMIT VOID AFTER TWO YEARS

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

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

514649



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 1/4 INCH AT HOUSE  
 1/2 INCH AT TANK

SEPTIC TANK LEVEL 1000gts Long Corner Rd. CLEANOUTS 6 INCH AT TANK

DISTRIBUTION BOX LEVEL BAFFLES ARE IN  
BAFFLE IS IN

DRAIN FIELD/TILE DEPTH 5 FT. TRENCH WIDTH 3' FT. INLET DEPTH 3' 2' 3' FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 210 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 630 SQ. FT.

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: 11/22/00 Tank set. Went over layout with contractor (BA)  
11/30/00 - OK TO COVER ALL WORK, SYSTEM ACCEPTABLE BUT NOT NEAT  
STANDARDS MET (HOMEOWNER INSTALLED OWN SYSTEM) - (SRK)

DATE SYSTEM APPROVED 11/30/00 INSPECTOR Steven R. Kueg

# APPLICATION

PERCOLATION TESTING

A 510157

P \_\_\_\_\_

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

5/26/98  
Purpose - create 2 buildable  
one acre lots, 2 non-  
buildable pres. parcels  
and one parcel w/ an  
existing house on it

DISTRICT \_\_\_\_\_

DATE 5/20/98

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*del*

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

PROPERTY OWNER BRS DEVELOPERS

ADDRESS 70 10805 HICKORY RIDGE ROAD PHONE 410-740-2100

AGENT OR PROSPECTIVE BUYER DONALD R. REWNER @ LAND TRENCH & DEV. INC

ADDRESS 10805 HICKORY RIDGE ROAD PHONE 410-740-3214

PROPERTY LOCATION: COLUMBIA, MARYLAND 21044

SUBDIVISION WILKETS PROPERTY LOT NO. 12

ROAD AND DESCRIPTION LEFT SIDE LONG CORNER ROAD OPPOSITE

NEW CUT ROAD, SITE BACKS TO PATUXENT RIVER STATE PARK

TAX MAP 6 PARCEL # 55 GRID 21

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. SINGLE FAMILY DWELLING  
(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. DONALD R. REWNER JR.  
(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 \_\_\_\_\_

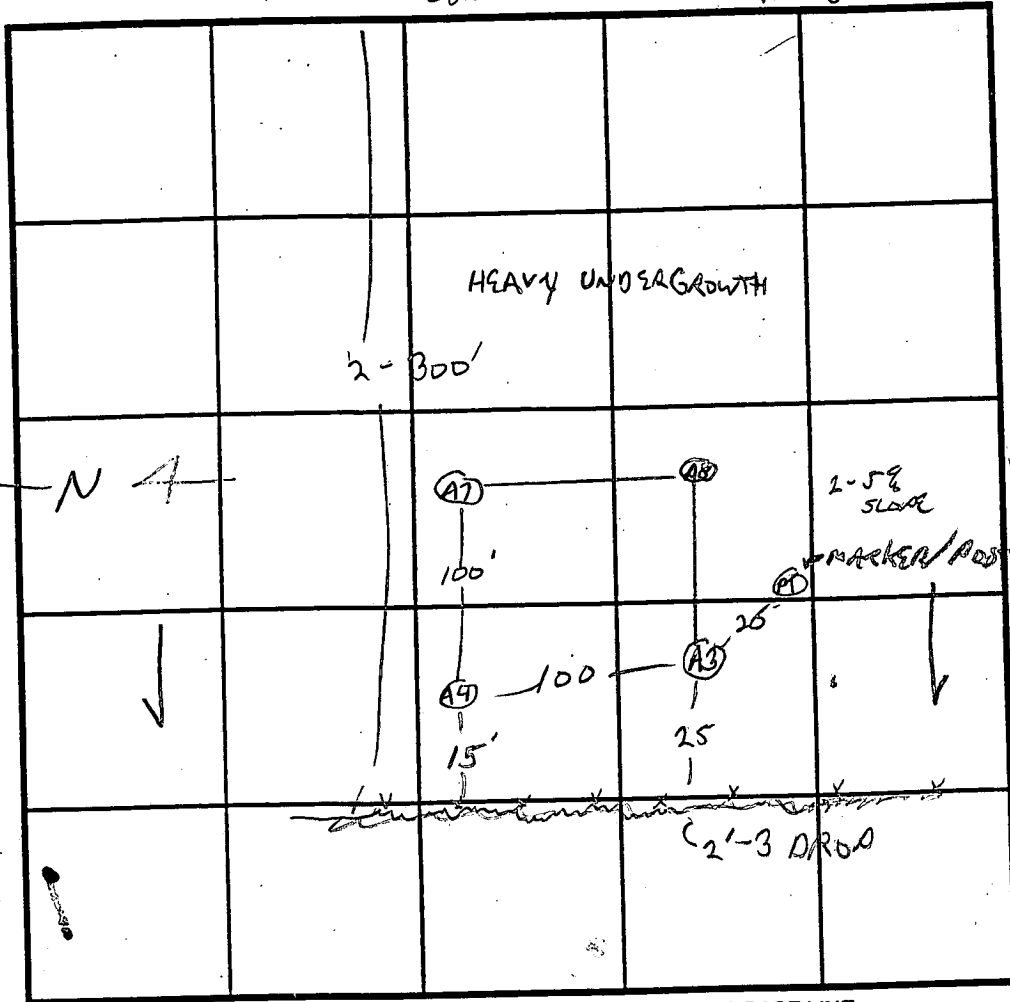
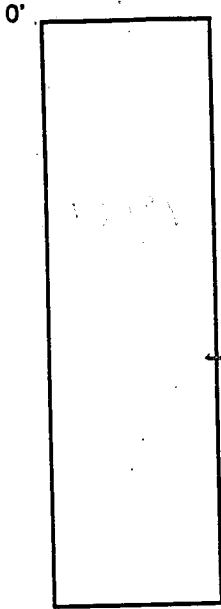
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

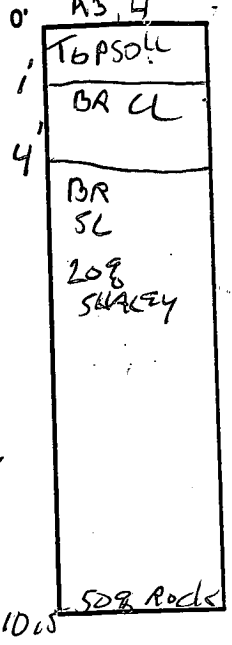
LONG CORNER ROAD

A510157  
COUNTY #

SOIL PROFILE



SOIL PROFILE



A7  
11 TOPSOIL  
6 BROWN CL  
SMALL AMOUNT OF GRAVEL  
3 LT BR LOAM  
10% CHANSEY WHITE POCKETS  
IRON OXIDE

A8  
TOPSOIL  
STRONG BR LOAM  
2.5  
VERY PALE BROWN SILT  
25%  
PARENT SANDSTONE  
TOWARD BOTTOM OF HOLE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-17-78	A4	4/10.5	11:57	11:58	→	12:01	3ML
	A3	5/10.5	12:52	1:00	→	1:13	15MW
	A7	3.5/9	2:40	2:45	→	2:55	10MIN
	A8	4/11.5	3:05	SLOW			
		6.5	3:00	3:03	→	3:12	9MW
		OK AT 4.5					OK

REMARKS LOT 1  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY G SAUSAGE ALSO PRESENT MIKE JOHNSON, GPM  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



# APPLICATION

PERCOLATION TESTING

A 510157

P \_\_\_\_\_

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

5/26/98  
Purpose - create 2 buildable  
one acre lots, 2 non-  
buildable pres. parcels  
and one parcel w/ an  
existing house on it

DISTRICT \_\_\_\_\_

DATE 5/20/98

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*shw*

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

PROPERTY OWNER BRS DEVELOPERS GLENN F. Murphy

ADDRESS 70 10805 HICKORY RIDGE ROAD PHONE 410-740-2100  
COLUMBIA MD 21044

AGENT OR PROSPECTIVE BUYER DONALD P. REWICK @ LAND DESIGN & DEV. INC

ADDRESS 10805 HICKORY RIDGE ROAD PHONE 410-740-5274

PROPERTY LOCATION: COLUMBIA, MARYLAND 21044

SUBDIVISION WILTS PROPERTY LOT NO. 42

ROAD AND DESCRIPTION LEFT SIDE <sup>1940</sup> LONG CORNER ROAD OPPOSITE

NEW CUT ROAD, SITE BACKS TO PATUXENT RIVER STATE PARK

TAX MAP 6 PARCEL # 55 GRID 21

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. SINGLE FAMILY DWELLING  
3 Bedroom  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**REG. PERMIT ~~SEARCH~~**  
**AND RETURNED 12-15-99**  
*Serial # 101376726*

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COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. DONALD R REWICK JR.  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

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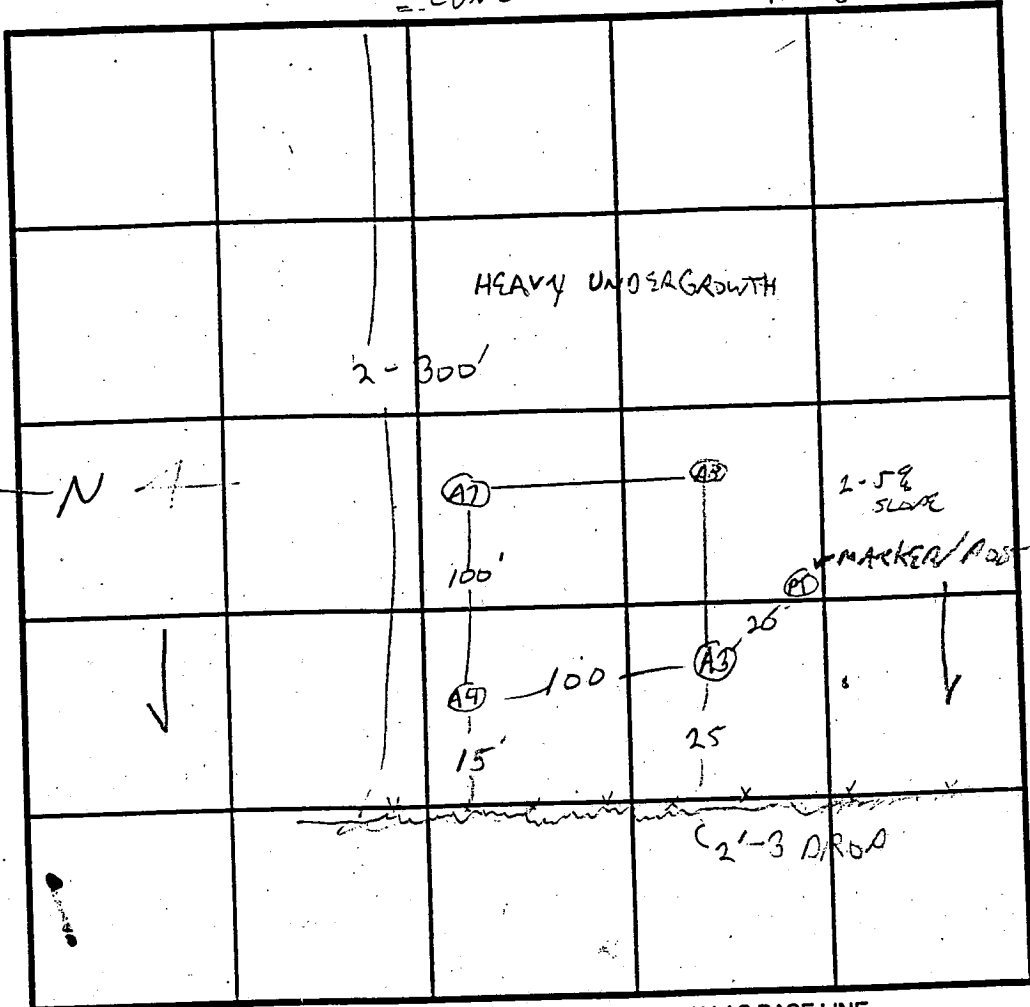
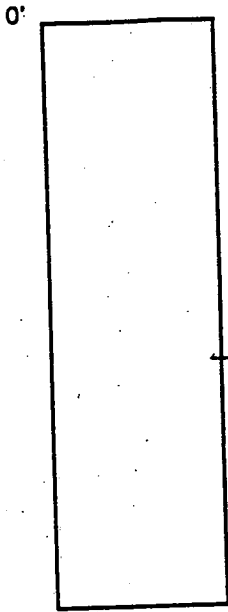
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

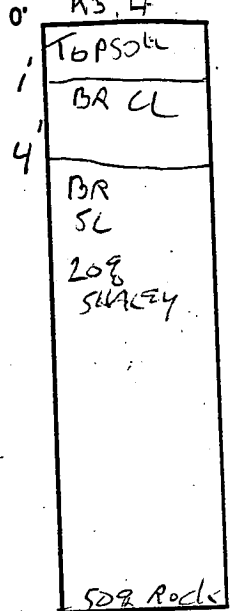
LONG CORNER ROAD

A 510157  
COUNTY #

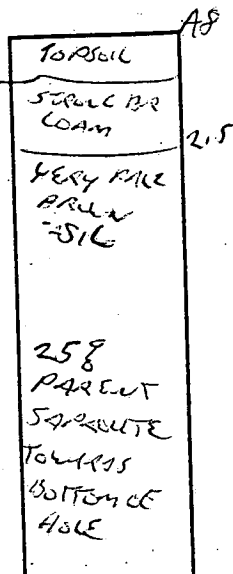
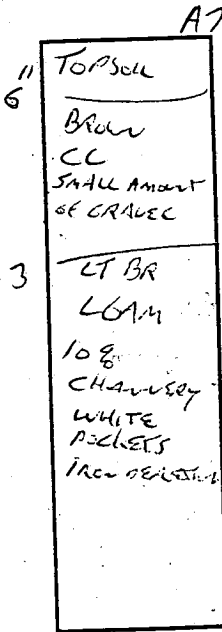
SOIL PROFILE



SOIL PROFILE A3, 4



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-17-98	A4	4/10.5	11:57	11:58	→	12:01	3ML
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	A8	4/11V	3:05	SLOW			
		6.5	3:00	3:03	→	3:12	9ML
		ok AT	4.5				ok

REMARKS COTI

TYPE OF SOIL \_\_\_\_\_

TESTED BY G SAUSAGE ALSO PRESENT MIKE JOHNSON, SAM

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

MtD2

STREAM BUFFER

AN BUFFER

Signed  
Per Cert Plat  
725 9-16-98  
S.R.N.

PRESERVATION PARCEL C  
NON-BUILDABLE  
1,180,909 SQ. FT.  
OR  
27.11 ACRES

MtB2

A510157

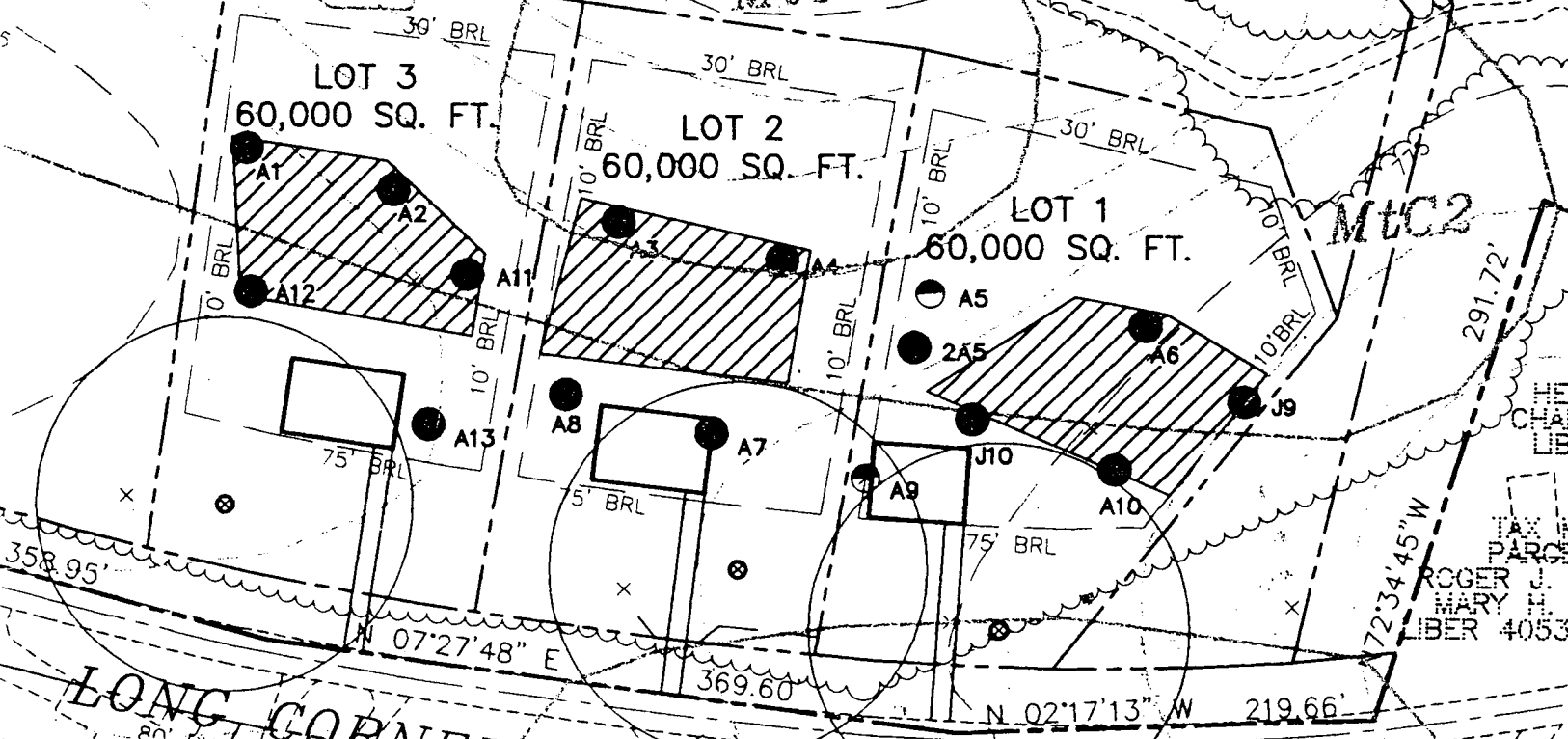
MtC3

LOT 3  
60,000 SQ. FT.

LOT 2  
60,000 SQ. FT.

LOT 1  
60,000 SQ. FT.

MtC2



LONG CORNER ROAD  
80' PUBLIC ROW  
MINOR COLLECTOR

RADUE PROPERTY,  
LOT 8  
PLAT NO. 6638

MtC2  
KATZ PROPERTY,  
LOT 1  
PLAT NO. 4772

TAX MAP 6, PARC  
JOSEPH E. SIUE  
LIBER 4182, FOL

TAX MAP  
PARC  
ROGER J.  
MARY H.  
LIBER 4053,

291.72'

72.34' 45" W

N 07°27'48" E

369.60'

N 02°17'13" W 219.66'

358.95'

750

B4

B2

B1

B3

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

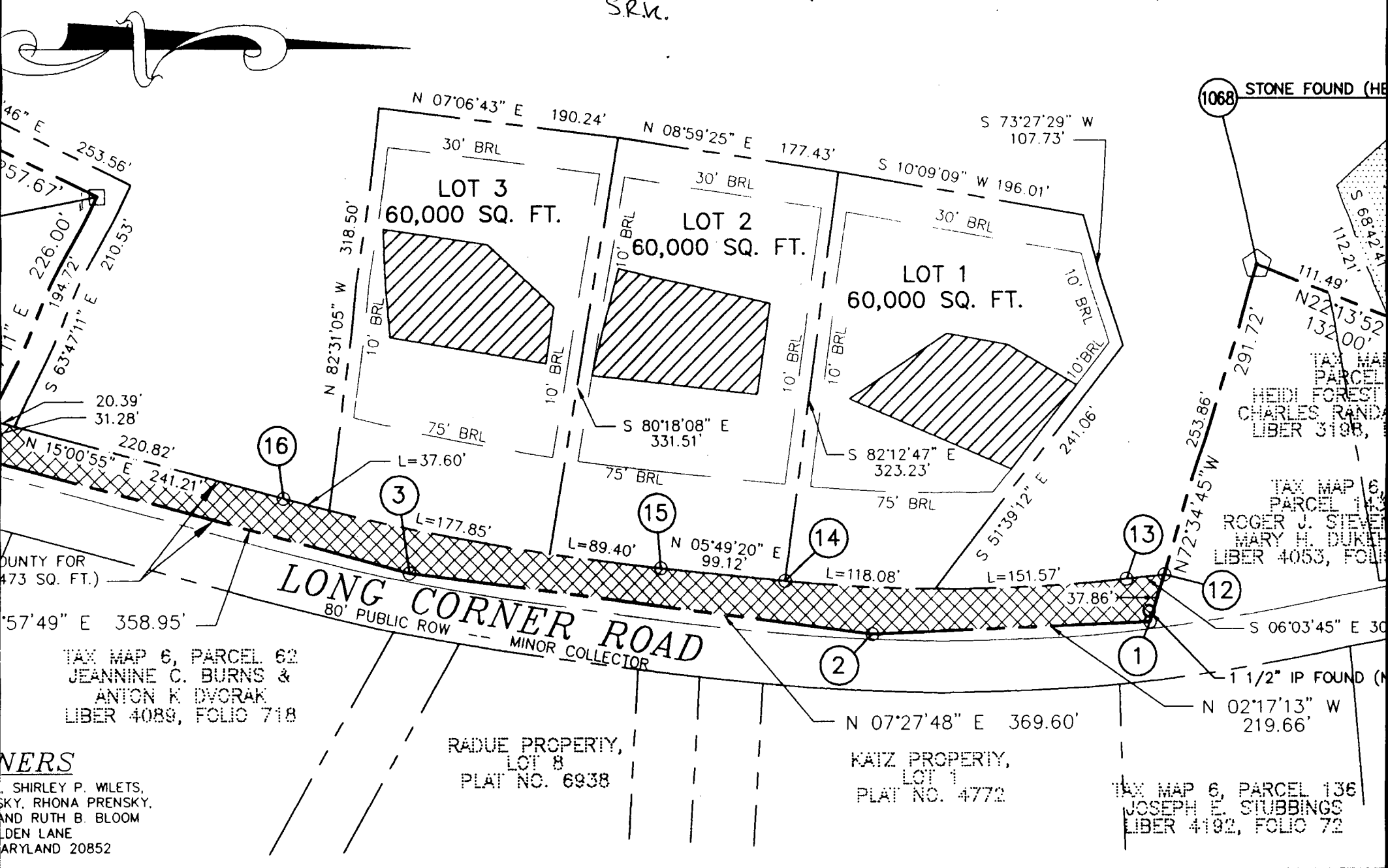
LIB

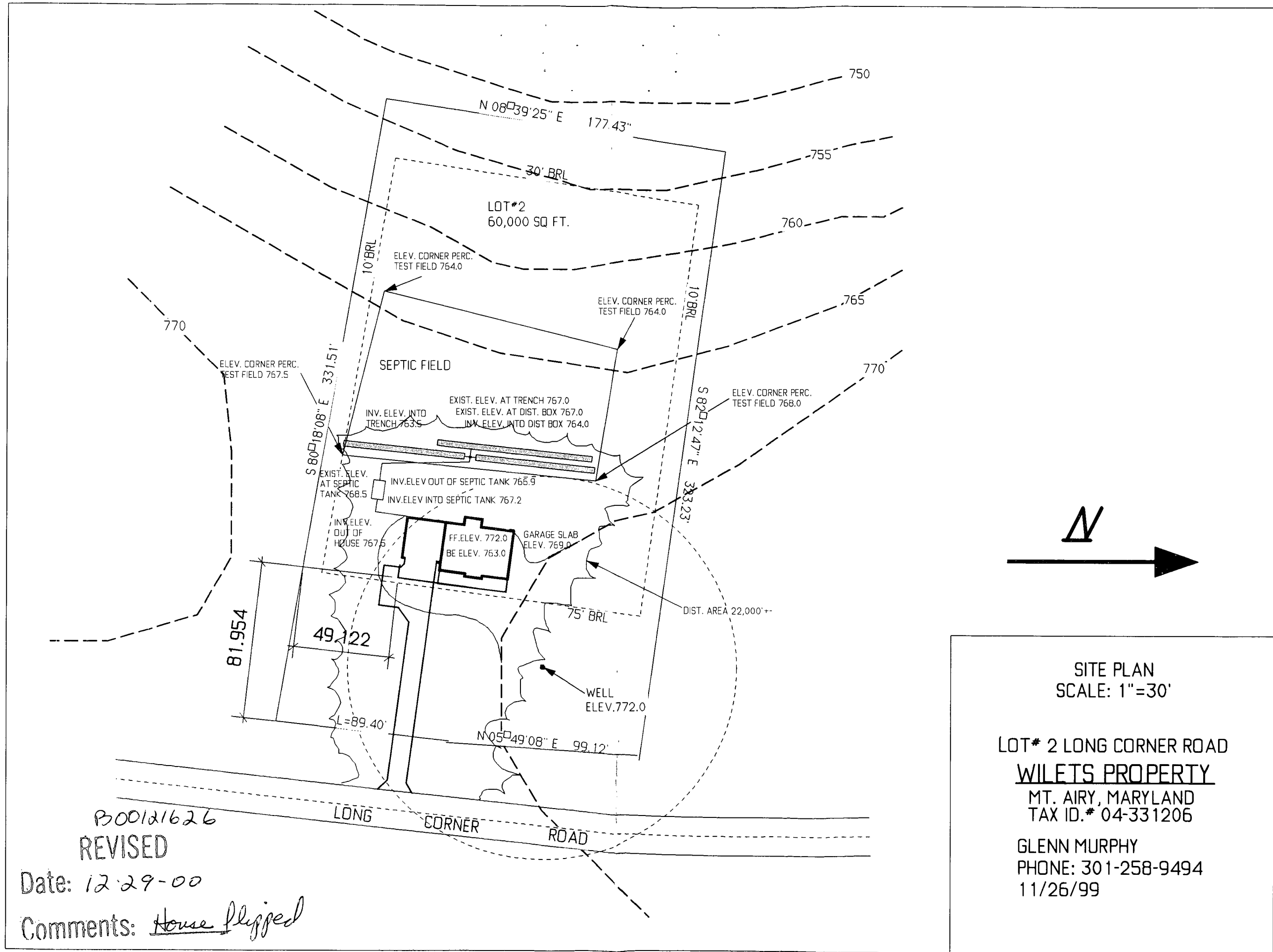
LIB

0.776 ACRES  
(21,604 SQ. FT. THIS SHEET)

PRESERVATION PARCEL A  
2,363,103 SQ. FT.  
OR  
54.249 ACRES  
(694,366 SQ. FT. THIS SHEET)

Signed Final Plat  
S-4-99  
S.R.W.

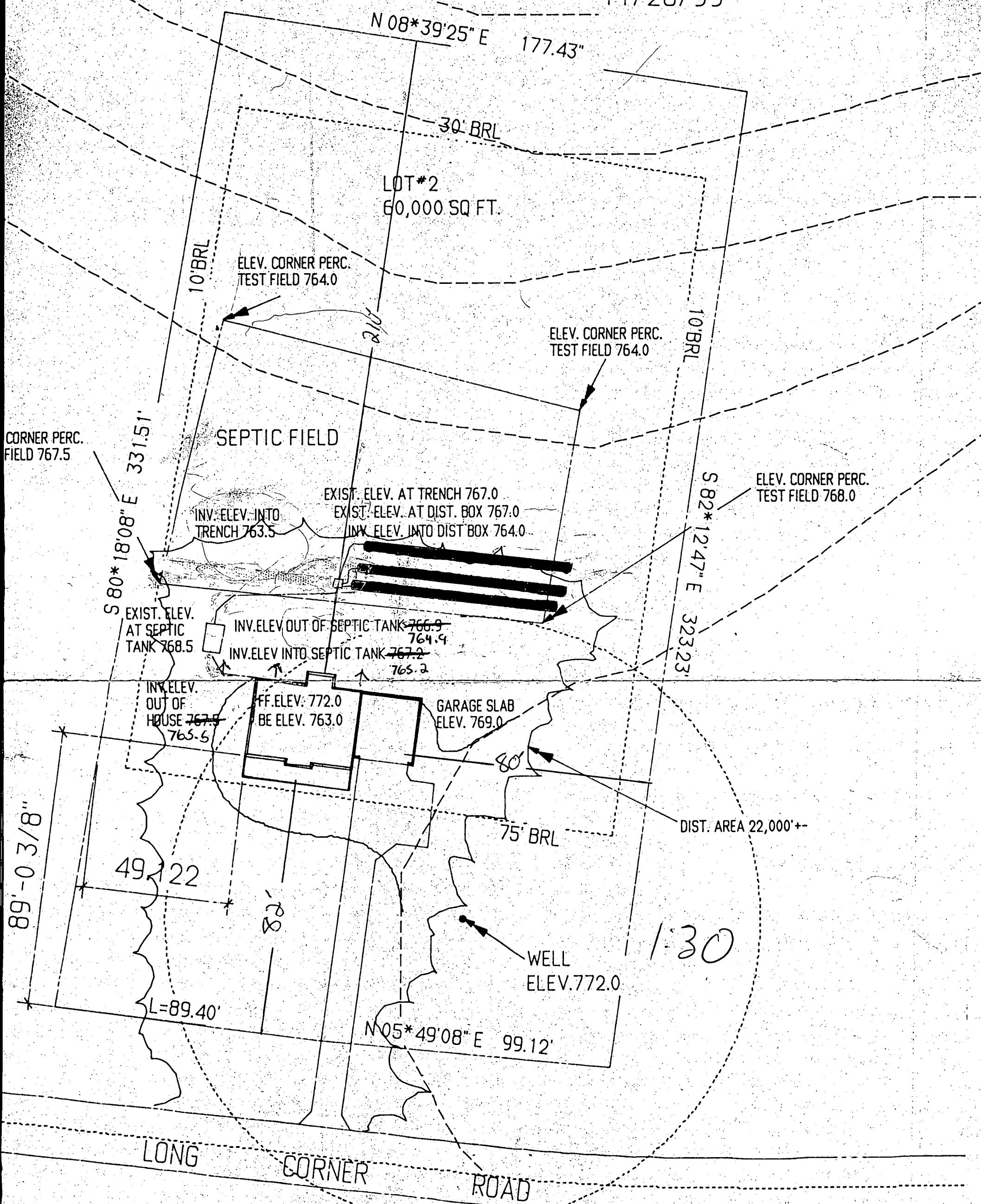




SITE PLAN  
SCALE: 1"=30'

LOT # 2 LONG CORNER ROAD  
WILETS PROPERTY  
MT. AIRY, MARYLAND  
TAX ID. # 04-331206

GLENN MURPHY  
PHONE: 301-258-9494  
11/26/99



Total linear feet of trench required 210 feet  
 Width of trench(es) 3.0 feet  
 Depth of trench(es) 5.0 feet  
 Depth of stone required below distribution pipe 2.0 feet

Approved Septic System Plan  
 Howard County Health Department

*Glenn Murphy*  
 Signature \_\_\_\_\_ Date 12/15/99

C1 06629 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A510157-B

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2320

OWNER BRS Developers STREET OR RFD Long Corner Rd. near New Cut Rd. TOWN Long Corner SUBDIVISION Wileys Property SECTION LOT 2

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 19 NO. OF POUNDS 1700 GALLONS OF WATER 114 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 30 ft.

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 6/8.5 PUMPING RATE (gal. per min.) 1.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 49 ft. WHEN PUMPING 205 ft. TYPE OF PUMP USED (for test) (A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (J) jet (S) submersible

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH-THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Shale, Blue Slate, etc.

CASING RECORD

OTHER CASING (if used) diameter inch depth (feet) from to 3. MAIN CASING TYPE (S) (T) (P) (L) (O) (T) Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)

PUMP INSTALLED

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

OTHER CASING (if used) diameter inch depth (feet) from to 3

SCREEN RECORD

screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

C2 DEPTH (nearest ft.)

Table with columns: SLOTTED SIZE 1, 2, 3 DIAMETER OF SCREEN (NEAREST INCH) from to

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

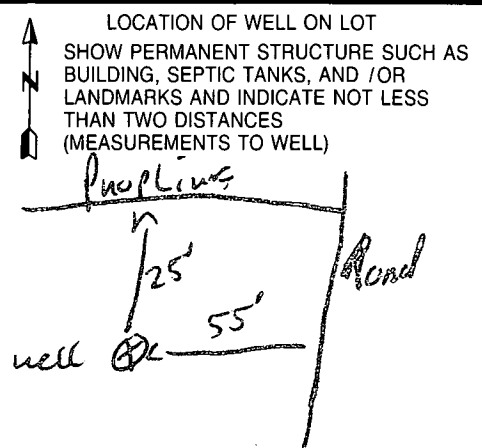
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M SD 116 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 M SD 112

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

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



B 1 7840

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2320

fill in this form completely

5/19/99

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

BRS DEVELOPERS, LLC

15 Last Name Owner First Name 34

8808 Centre Park Drive Suite 209

36 Columbia MD 21045

57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

8 COUNTY 21

The WILLETS PROPERTY

23 SUBDIVISION 42

SECTION 44 46 LOT 2 48 50

Long Corner

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 M I 73 76 77 78

DRILLER INFORMATION

MICHAEL BARLOW MW D355 8/2/99

Driller's Name 76 License No. 81

MICHAEL BARLOW WELL DRILLING, INC.

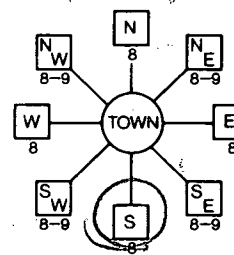
912 Fawn Court Joppa MD 21085

Address

Signature Date 5/19/99

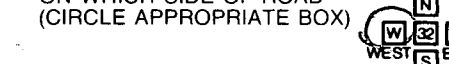
B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Long Corner Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 35 37 DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: 6 BLK: 21 PARCEL 55

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
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 AS10157-B
COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S DATE ISSUED 07/13/99

CO SIGNATURE EXP. DATE

NORTH GRID 542 000 EAST GRID 755 000

APPROXIMATE DEPTH OF WELL 300 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 DEEPEMED 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 GAP

PERMIT No. HO-94-2320

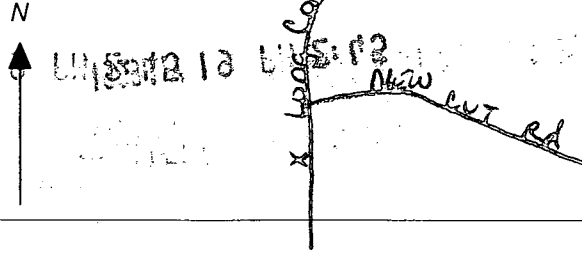
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7505
N 5402

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

FROM: Hols EnvHealth

FAX NO.: 4103132648

Nov. 22 2000 11:32AM P1

**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 26.08.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: DENNISON PLUMBING Telephone #: 301-473-4015  
Address: 2809 RIDGE ROAD  
FREDERICKS, MD 21704

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): HERBERT M. DENNISON JR License# MPL 10040  
\*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: ELL MURPHY Telephone #: 301-624-5973  
Subdivision: WILETS PROPERTY Lot #: 2 Well Tag #: HO-94-2320  
Site Address: 1940 LONG CORNER

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>CONOLD</u>	Make: <u>MACTISEN</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>5G510</u>	Model #: <u>1.5</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity: <u>5</u> GPM	Depth: <u>42"</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>5</u> GPM	NSF approved: <input checked="" type="checkbox"/>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>440</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>
if pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4		
Torque arrestors or <u>Cable guards</u> are required - Must circle one		
Safety rope, if used, attached to inside of well casing with eye bolt <u>N/A</u>		

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Polybutylene</u>	PVC sleeved to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PSI: <u>160</u> (150 psi min)	Approximate length of sleeve: <u>6'</u>
Depth of supply line: <u>42</u> (36" min)	Sleeve caulked and sealed properly: <input checked="" type="checkbox"/>

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.

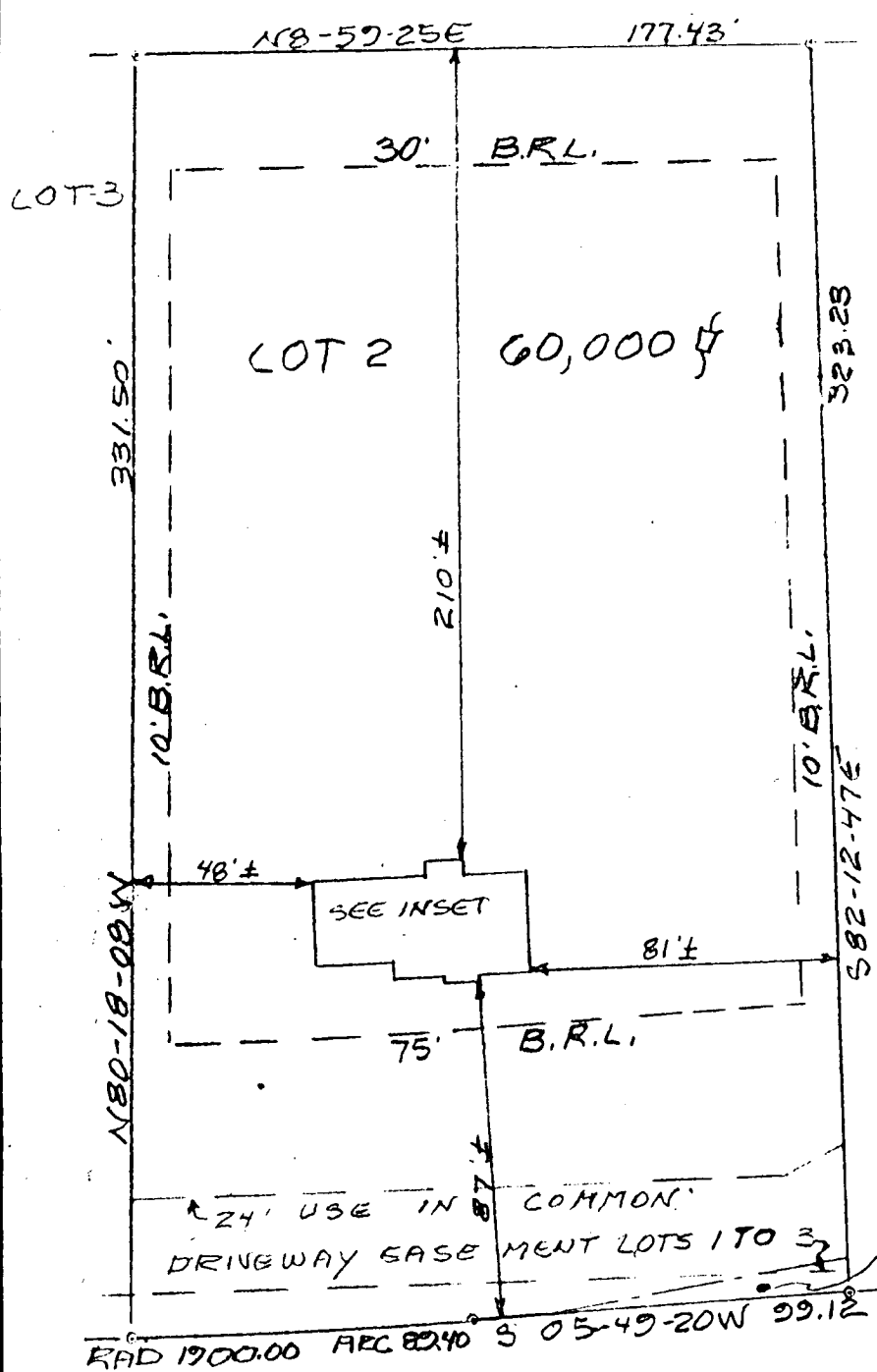
Signature of company representative responsible for installation: Herbert M. Dennison Jr date: 11-22-00

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

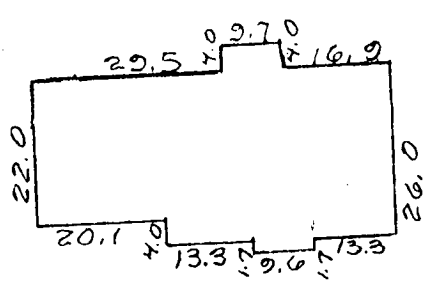
Date Insp. Requested: N/A Date Insp. Approved: 11/30/00

Inspection Data:

Pitless adapter and water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope installed inside of well casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>
Adequate gROUT observed below pitless adapter	<input checked="" type="checkbox"/>



LOT-1  
INSET  
SCALE 1"=30'



WALL CHECK OK  
w/bp PLAN  
MD 11/15/00  
PUBLIC SIGHT DISTANCE EASEMENT

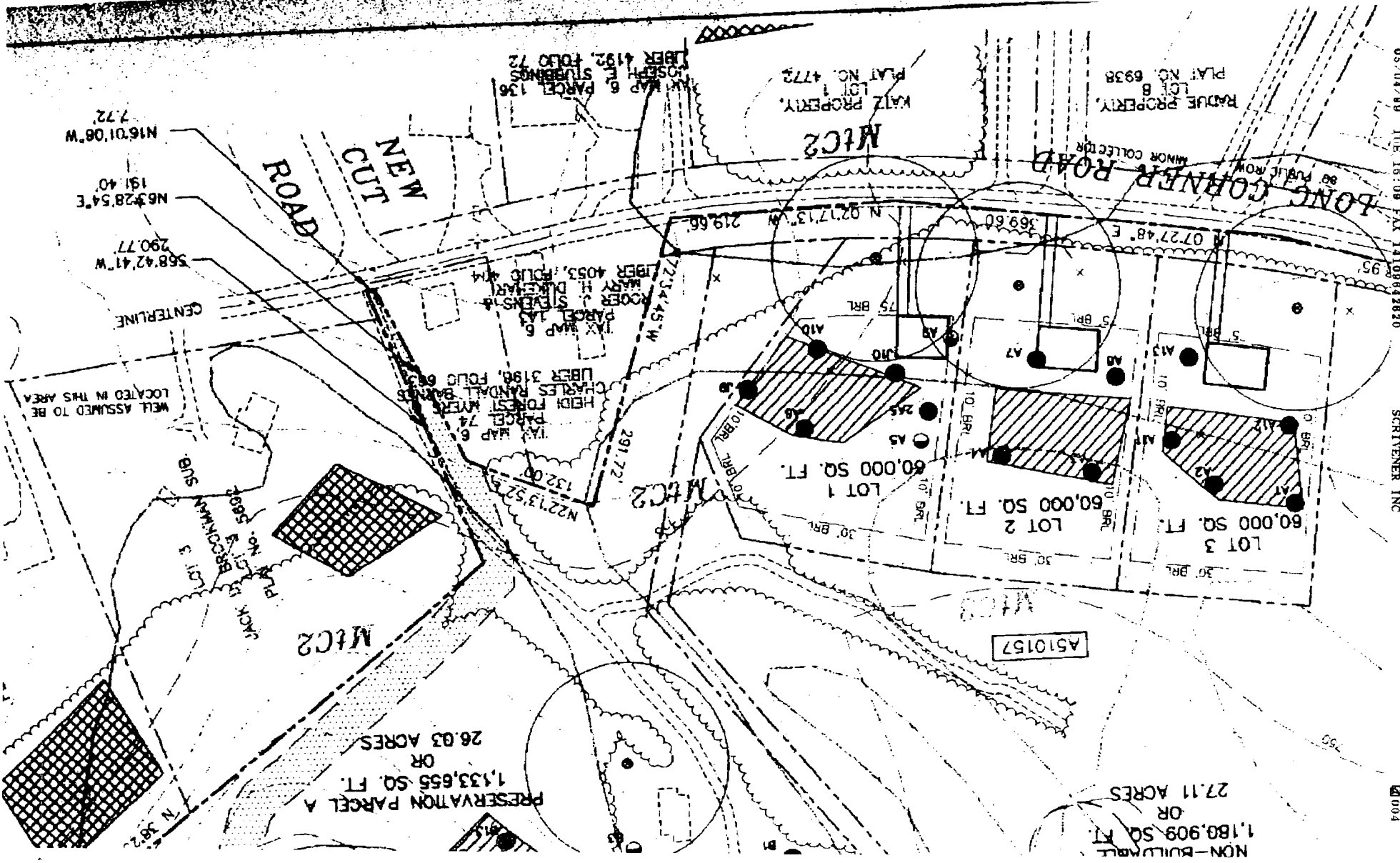
WALL CHECK  
LOT-2 WILETS PROPERTY  
ELECTION DISTRICT NO.4  
HOWARD COUNTY, MD.  
PLAT NO. 13941

LONG CORNER ROAD

<b>Tri - County Surveys, Inc.</b> BOX 55 • DAMASCUS, MARYLAND 20872 • (301) 831-3655 LAND PLANNING CONSULTANTS • SUBDIVISIONS • LOTS & BOUNDARIES	REFERENCE Plat Book Plat No 13941	COUNTY OF HOWARD	Drawn by: WNP Checked by: WLW Job No.:
	<b>SURVEYOR'S CERTIFICATION</b> I hereby certify that the property delineated hereon is in accordance with the Plat of Subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures and encroachments. If this Plat is not for determining property lines, but prepared for exclusive use of present owners of property and those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as best I warrant the accuracy of this Plat. No title report furnished.		Scale: 1" = 30' DATES BY: WNP Wall Chk.: 9 FEB, 2000 Final Loc.: Secret.:
WILLIAM L. WIRTS - Registered Land Surveyor - Maryland No. 10721		Note: House does not lie within a flood hazard area	

NOTE: This drawing is not intended or represented to be a lot stake out survey; no lot corners were set; and is not to be used, or relied upon, for the establishment of any fence, boundary or other improvements. No responsibility is extended herein to future purchasers.

N. MSI stake found  
 WSI stake found  
 Site looks O.K.  
 11/14/88



05/04/89 TUE 15:09 FAX 14109642820  
 SCRIVENER INC  
 2004

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2320  
 Location of property (road) Long Corner Rd. near New Cut Rd.  
 Subdivision Wilets Property Lot 2 Block      Plat      Sec.       
 Well Driller      Owner BRS Developers  
 Depth of well 405' RAGA MAYNE  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 19

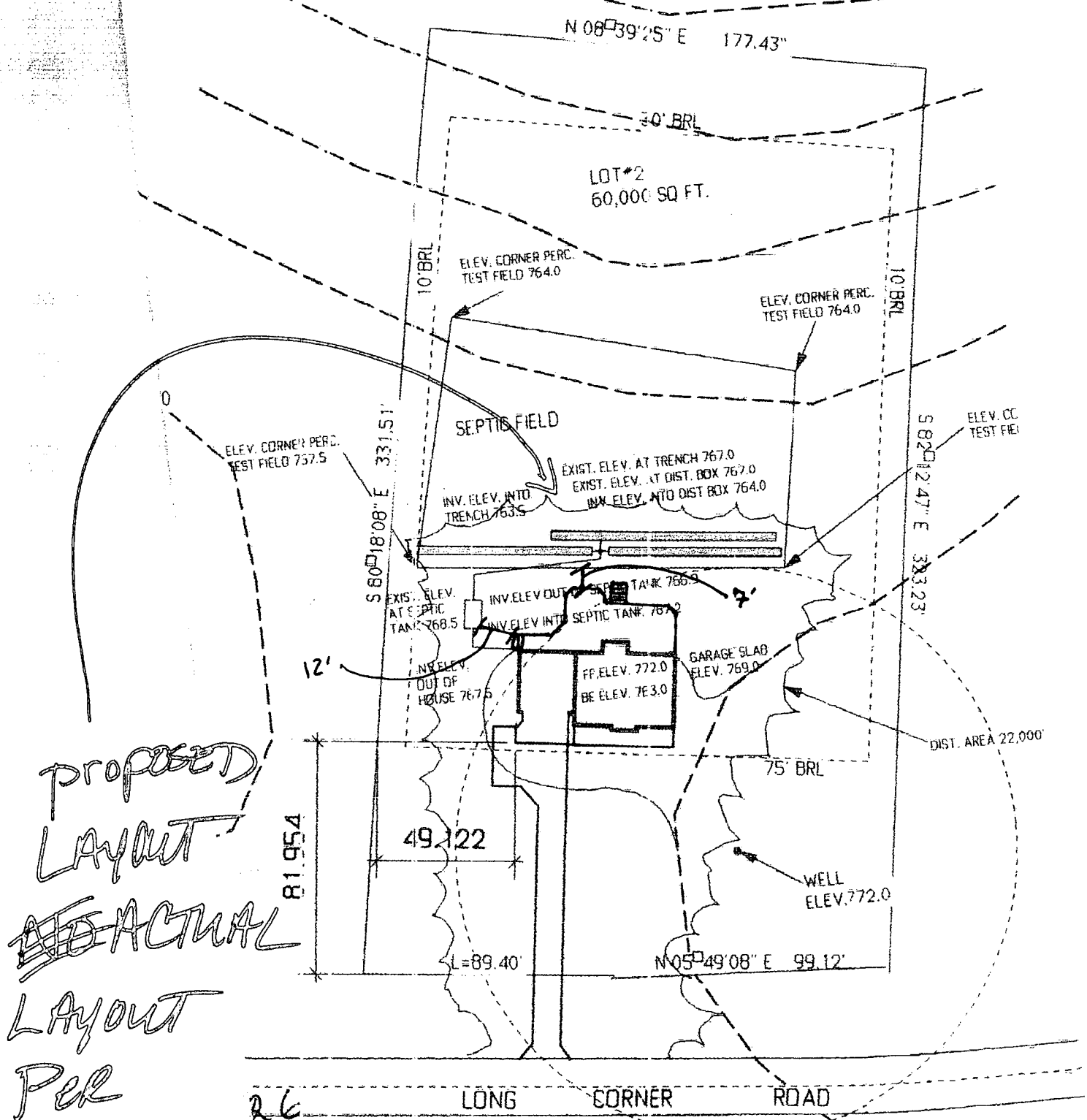
I. High rate pumping -- reservoir drawdown

Time pump started 12:00 Pumping rate 126 GPM  
 Total time 30 m.w. to reach pumping water level 205 ft. 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 $\frac{1}{2}$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
12:30	205 <u>KA</u>	45 Sec		1.3 GPM
12:45	205 <u>WA</u>	45 Sec	63 CAS14	1.3 GPM
1:00	205 <u>VA</u>	45 Sec	30+ gpcv	1.3 GPM
1:15	205 "	45 "	193 gpcv	1.3 "
1:30	205 "	45 "		1.3 "
1:45	205 "	45 "		1.3 "
2:00	205 <u>VA</u>	45 Sec		1.3 GPM
2:15	205 <u>WA</u>	45 Sec		1.3 GPM
2:30	205 <u>VA</u>	45 Sec		1.3 GPM
2:45	205 "	45 "		1.3 "
3:00	205 "	45 "		1.3 "
3:15	205 "	45 "		1.3 "
3:30	205 <u>VA</u>	45 Sec		1.3 GPM
3:45	205 <u>VA</u>	45 Sec		1.3 GPM
4:00	205 <u>VA</u>	45 Sec		1.3 GPM
4:15	205 "	45 "		1.3 "
4:30	205 "	45 "		1.3 "
4:45	205 "	45 "		1.3 "
5:00	205 <u>VA</u>	45 Sec		1.3 GPM
5:15	205 <u>VA</u>	45 Sec		1.3 GPM
5:30	205 <u>VA</u>	45 Sec		1.3 GPM
5:45	205 "	45 "		1.3 "
6:00	205 "	45 "		1.3 "
6:15	205 <u>VA</u>	45 Sec		1.3 GPM
6:30	205 <u>VA</u>	45 Sec		1.3 GPM

1940 Long Corner Road  
 Willets Property, Lot 2



PROPOSED  
 LAYOUT  
~~ACTUAL~~  
 LAYOUT  
 PER

SANITARIAN  
 FIELD INSPECTION  
 by SRK

1" = 50'

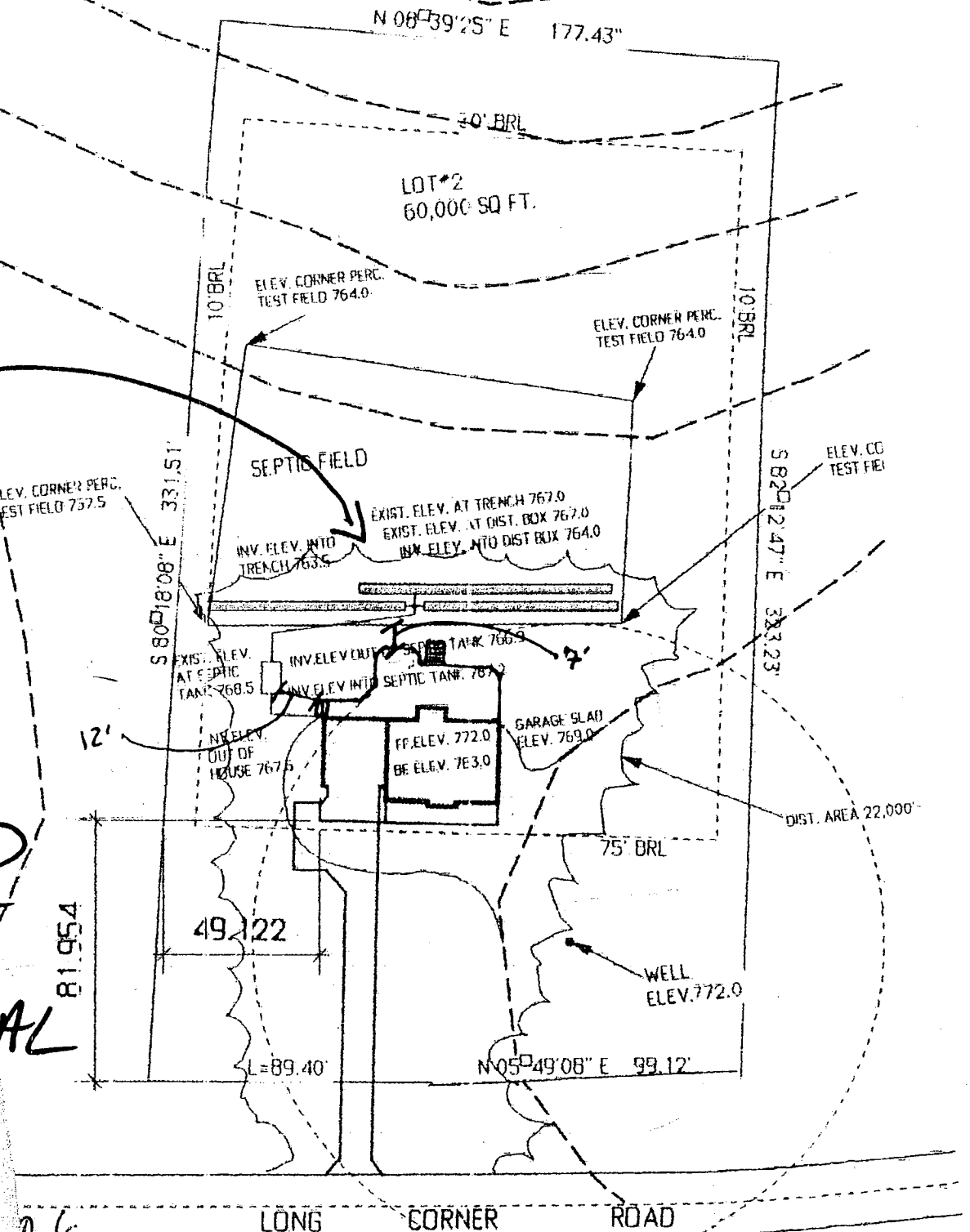
3/18/04

BU0146 856  
 PROPOSED DECK

7' to existing trench OK'd.  
 No well or septic issues

KN

1940 Long Corner Road  
 Willets Property, Lot 2



PROPOSED  
 LAYOUT  
~~AND~~ ACTUAL  
 LAYOUT  
 PER  
 SANITARIAN  
 FIELD INSP *per physical*

by SRK

3/18/04

1" = 50'

APPROVED  
 WALKTHRU BUILDING PERMIT  
 BP# 802156805 A# 510151  
 APP SAN PA1 DATE: 11/18/05  
 DESC. OF WORK:

7' to existing trench of old 60x22 Beck w/ steps to grade.  
 No well or septic issues

KN