

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513347

A 510195-C

DISTRICT _____

DATE 3/21/00

DATE SYSTEM APPROVED 4/12/00

INSPECTOR S.R.K.

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

03-3299M

INDEXED

J. Joseph Gartland, Inc. IS PERMITTED TO INSTALL ALTER _____

ADDRESS 1835 West Old Liberty Road, Westminster, MD 21157 PHONE 410-875-2400

SUBDIVISION Delightful Daze LOT 3 ROAD 964 Day Road

PROPERTY OWNER Lori Ferraro

ADDRESS _____

BUILDING PERMIT SIGNED

SEPTIC TANK CAPACITY 1250 GALLONS

AND RETURNED

NUMBER OF BEDROOMS 4

1-22-04-800145890-BARN

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

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 - Begin trenches 200 feet off the 1078.29' lot line and 220 feet off the 430.53' lot line. Run trenches on contour 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. 12/18/99 OK ALL

PLANS APPROVED BY Amy McMillen DATE 11-17-1999

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)

LOG. PERMITS SIGNED AND RETURNED 5/9/00

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

B00123906 Propane Tank

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

PERMIT VOID AFTER TWO YEARS

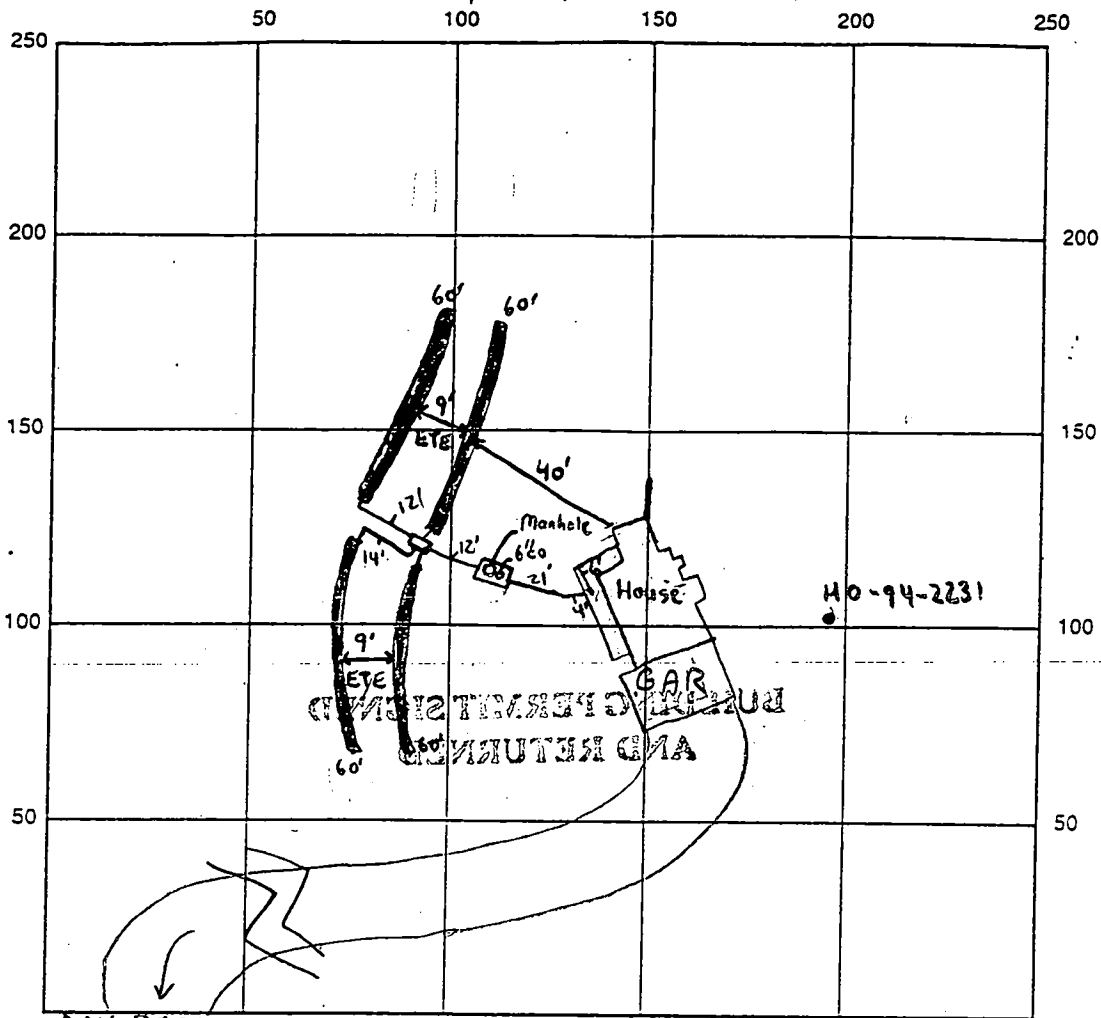
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

NOT TO SCALE



DAY ROAD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 gallon topseam CLEANOUTS 6" at tank, Manhole
Baffles are 4 in

DISTRIBUTION BOX LEVEL Baffle is in

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: 4/12/00 - ON TO COVER ALL WORK (SRK)

DATE SYSTEM APPROVED 4/12/00 INSPECTOR Steven R. Kuey

HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3525-H 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 J. Joseph Carlland Inc

Telephone 875-2400

License Number 9549

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Laci Ferraro

Telephone _____

Subdivision Delightful Daze Lot # 3

Well Tag # 40-94-2231

Site Address 964 Day Rd.

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make Goulds
- Model # 28805
- Capacity 7 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 3600
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make American Grand
- Model # PT800
- Depth 42"

Tank

- Capacity 42
- Pressure relief valve? yes

Piping

- Type plastic
- Size 2"
- NSF and/or BOCA Code approved
- Depth of supply line 42"

Well data

- Depth 185 ft.
- Yield _____ GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? _____

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.

6/16/00 - WPI never called

in for Insp. song
 Insp. done. Steve from Regional Homes "OK"
 with this. Carlland Notified (SRW)

Signature of Applicant: _____

Date: 4-14-00

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

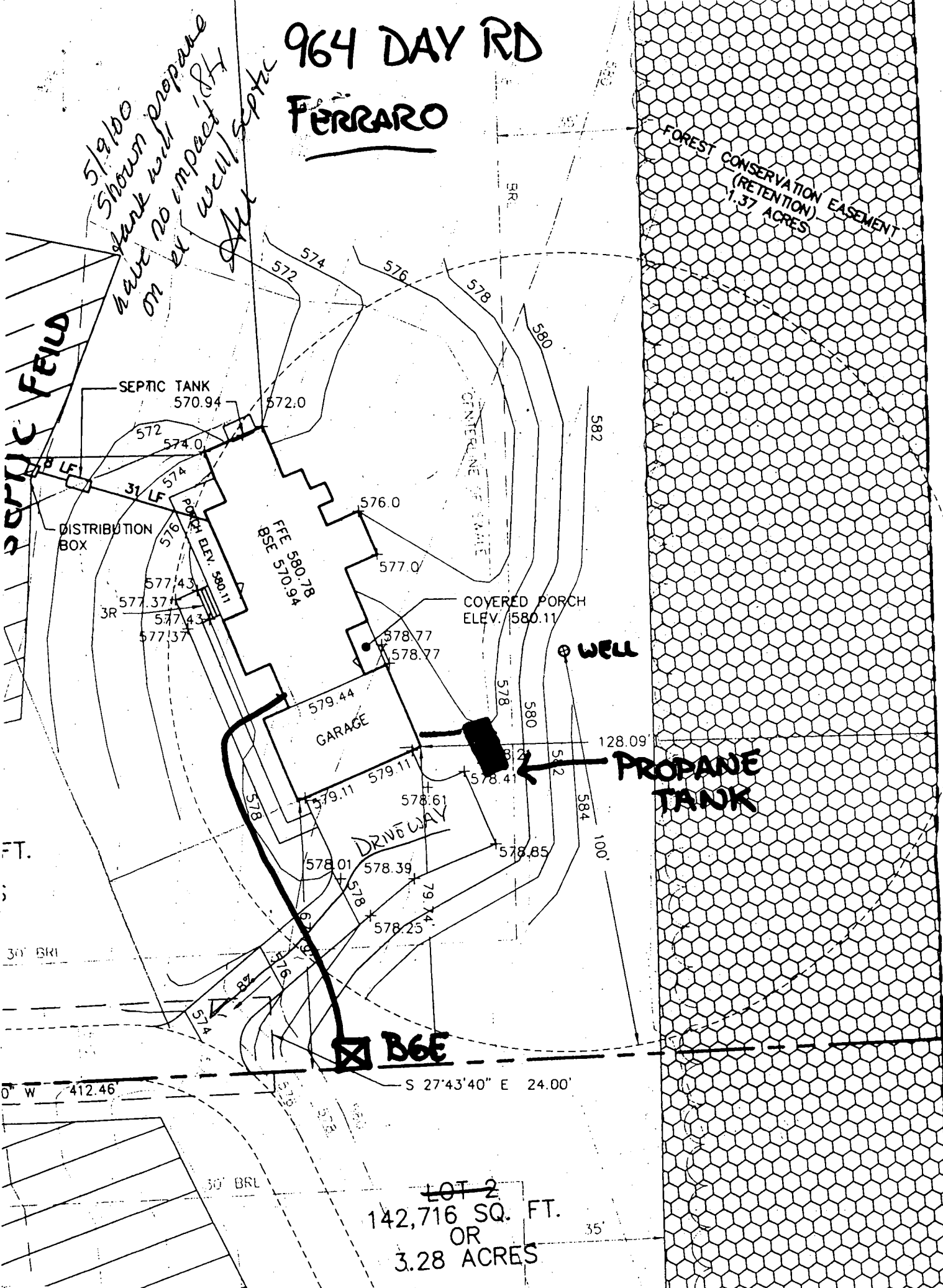
HD-215

964 DAY RD FERRARO

5/9/00
Shown propane
tank will
have no impact
on ex well/septic
line

FOREST CONSERVATION EASEMENT
(RETENTION)
1.37 ACRES

SEPTIC FIELD



LOT 2
142,716 SQ. FT.
OR
3.28 ACRES

0° W 412.46'

S 27°43'40" E 24.00'

30' BRL

35'

N62°22'24"E 430.53'

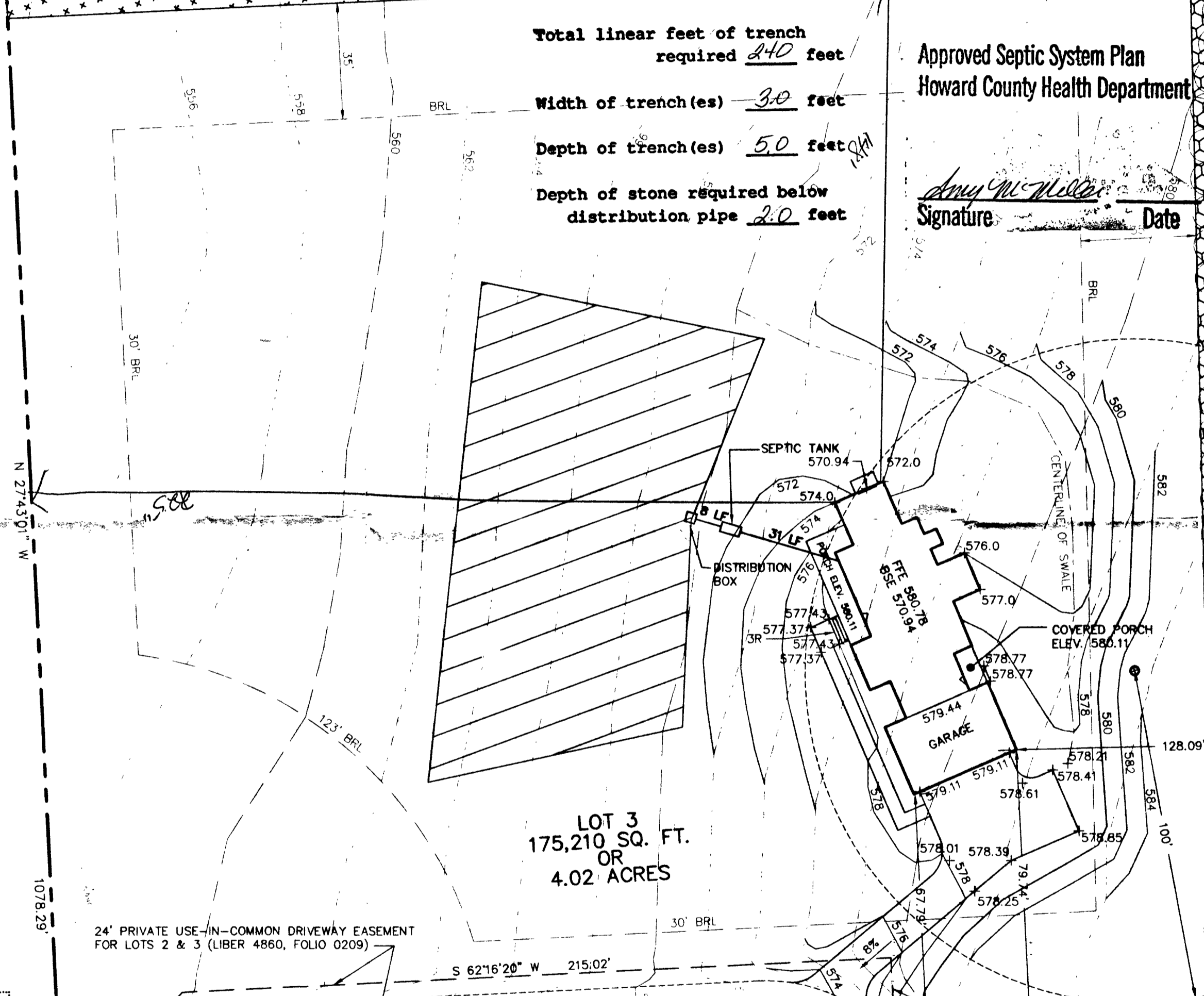
FOREST CONSERVATION EASEMENT
(AFFORESTATION)
0.52 ACRES

Total linear feet of trench
required 240 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

Amy McMiller
Signature Date

FOREST CONSERVATION EASEMENT
(RETENTION)
1.37 ACRES



LOT 3
175,210 SQ. FT.
OR
4.02 ACRES

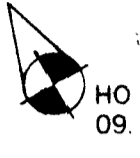
LOT 2
142,716 SQ. FT.
OR
3.28 ACRES

24' PRIVATE USE-IN-COMMON DRIVEWAY EASEMENT
FOR LOTS 2 & 3 (LIBER 4860, FOLIO 0209)

PRIVATE USE-IN-COMMON
DRIVEWAY EASEMENT FOR LOT 1
THRU 3 AND PARCEL 150

EXISTING
STOCKPILE AREA

PARCEL 36
DAVID GARRATT
1400/453
1431/28
HOWARD COUNTY AGRICULTURAL
PRESERVATION PARCEL
HC86-01E



SAML

HOWARD C
PRESERVE

1:50 Scale 7/18/08 R 00-5-11 GMS/2010-10/19/08/08/08/08

APPLICATION

PERCOLATION TESTING

A 5101956

P _____

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

DISTRICT _____

DATE _____

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 McQuade Louis LORI & RALPH FERRARO

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. Pres Parcel AA

ROAD AND DESCRIPTION 964 Day Road

TAX MAP 9 PARCEL # 175

SIZE OF LOT _____ TYPE BLDG. Cindy Delzoppo
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**BLDG. PERMIT SIGNED
AND RETURNED 4-17-99**
Serial # BPO 121244
SFD - 4 Bcm
Cindy Delzoppo

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.

(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

COUNTY #

SOIL PROFILE

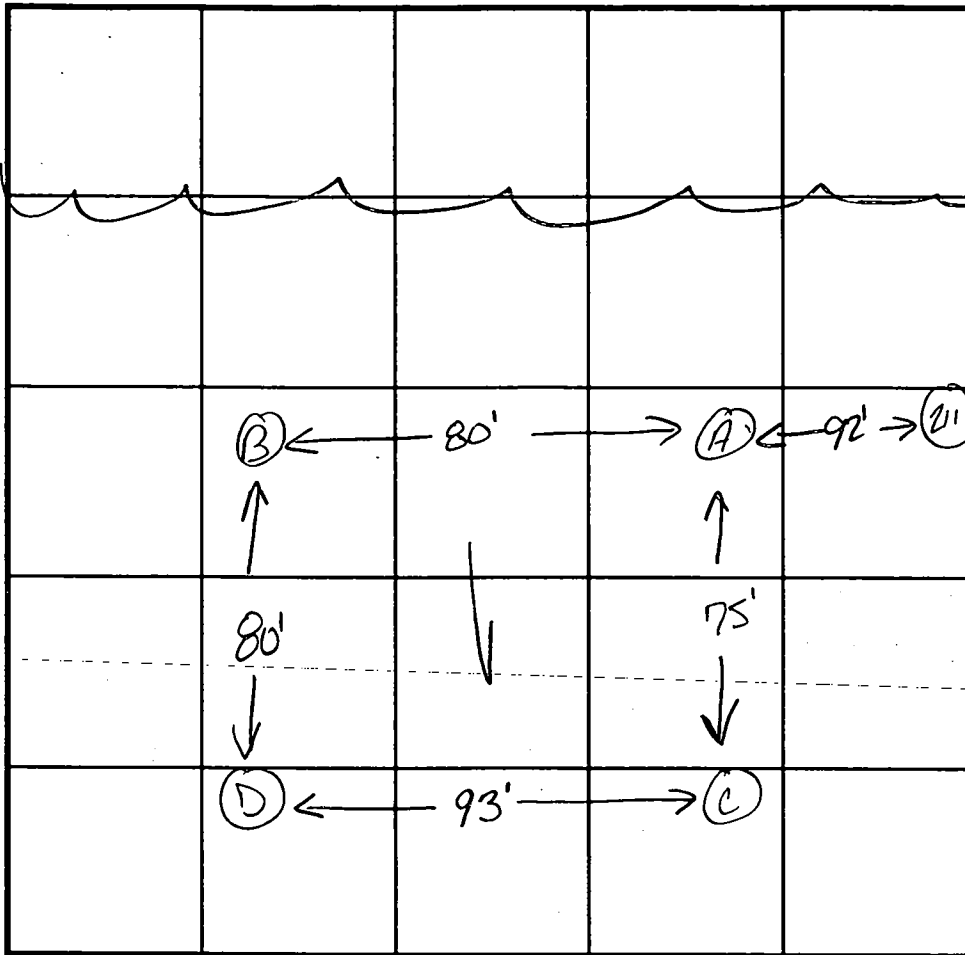
0'
A
orange
cl lm
3'
pink /
tan
sicl m
10%
rock
frags
11'
↓

B

Same
as
test
hole
A

C

2'
orange
clay lm
tan /
pink
sicl m
10%
shale
frags
10.5'



SOIL PROFILE

0'
D
orange
cl lm
2.5'
tan /
pink
sicl m
11'
↓

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7.7.98	A	3.5'S	11:00	11:01	11:01	11:02:30	1:30	
		11.0'D	visual	ok - see profile				
	B	11.0'D	visual	only - ok see profile				
	C	4.0'S	11:04:30	11:06:30	11:06:30	11:10	3:30	
		10.5'D	visual	ok - see profile				
	D	3.0'S	11:18	11:36	11:36	12:00	24	
		11.0'D	visual	ok - see profile				

REMARKS

TYPE OF SOIL

TESTED BY

Kim Maist / Hank Oswald

ALSO PRESENT

Chuck Zapp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

A510195

APPLICATION

PERCOLATION TESTING

A 510195, G

P _____

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

DISTRICT _____

DATE _____

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 McQuade Louis

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. Pres Parcel AA

ROAD AND DESCRIPTION _____

TAX MAP 9 PARCEL # 175

SIZE OF LOT _____ TYPE BLDG. Cindy DelZappo
(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.

(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

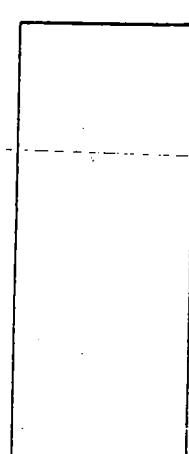
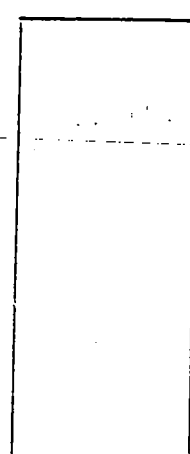
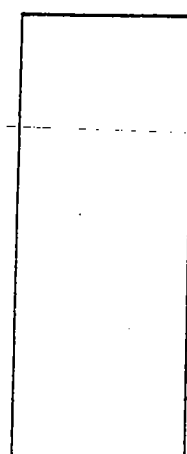
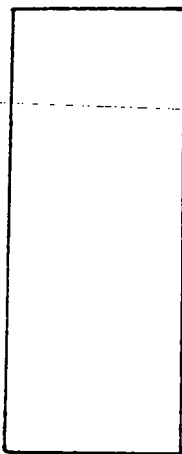
216
 3' orange cl lm
 11' tan/or purple sclm
 10% rx frags

217
 Same as test hole #216

221
 2' orange cl lm
 6.5' orange tan sclm
 10' greater than 50% rock
 HARD BOTTOM

222
 3' orange Clay lm
 6.5' tan/or sclm
 10' 30% rock and sclm

223
 3' orange cl lm
 3' pink orange sclm
 10' ↓



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	216	3.0'S	1:01:50	1:02:30	1:02:30	1:04:30	2min
		11.0'D	visual	ok	see profile		
	217	12.0'D	visual	only	ok see profile		
	221	2.5'S	11:52:30	11:53:30	11:53:30	11:54:30	1min
		10.0'D	FAILED DUE TO ROCK				F
	222	3.0'S	11:29:15	11:30:30	11:30:30	11:36:50	5:30
		10.5'D	visual	ok	see profile		
	223	4.0'S	11:21	11:22:30	11:22:30	11:24:30	2min
		10.0'D	visual	ok	see profile		

REMARKS

TESTED BY Kim Maistek / Hank Oswald

ALSO PRESENT Chuck Zepp

ASIC HD

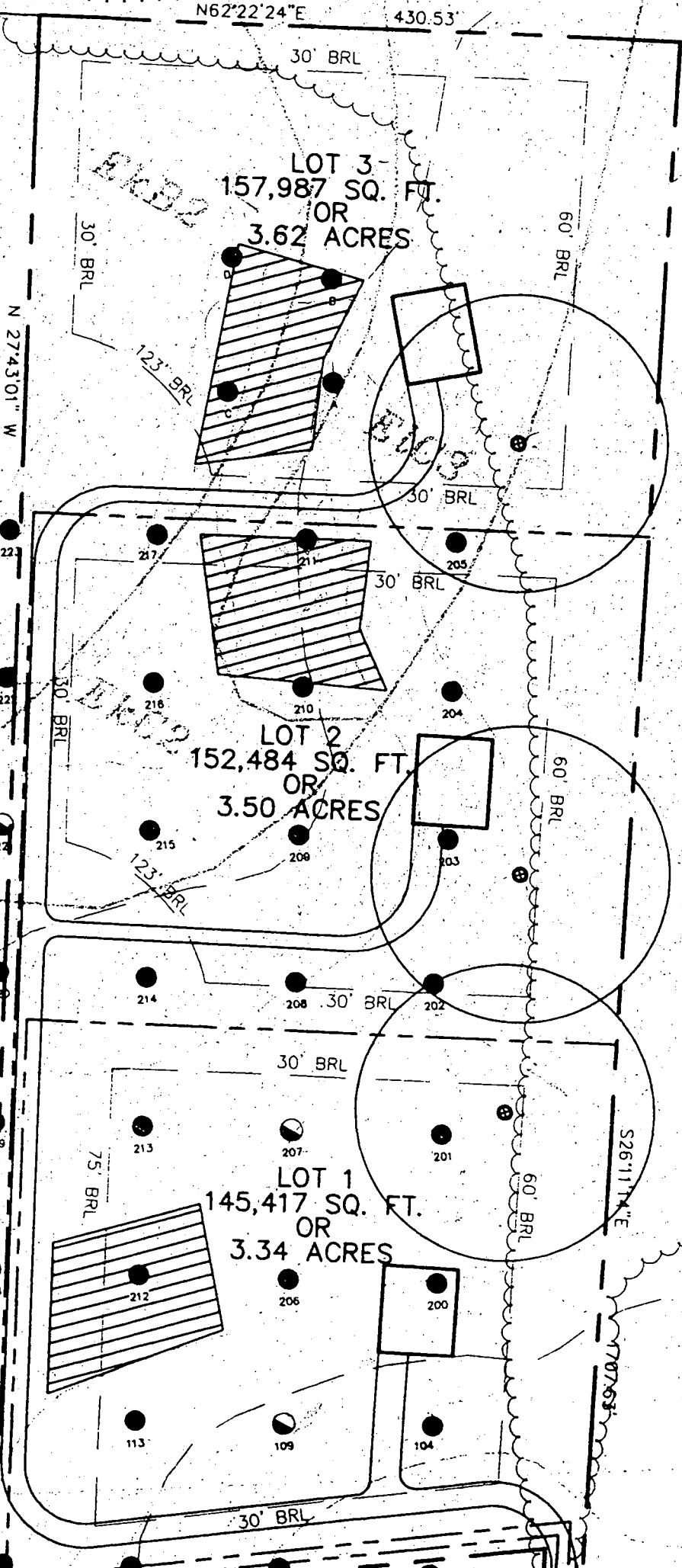
N62°22'24"E 430.53'

LOT 3
157,987 SQ. FT.
OR
3.62 ACRES

LOT 2
152,484 SQ. FT.
OR
3.50 ACRES

LOT 1
145,417 SQ. FT.
OR
3.34 ACRES

Peric Cert
10-13-98
580



PROCESSED
2/25/97

PLAT

580

N62°22'24"E 430.53'

BRL LOT 3
175,210 SQ. FT.
OR
4.02 ACRES

LOT 2
142,716 SQ. FT.
OR
3.28 ACRES

LOT 1
138,103 SQ. FT.
OR
3.17 ACRES

PRIVATE INGRESS/EGRESS
EASEMENT FOR LOT 1
THRU 3 AND PARCEL 150

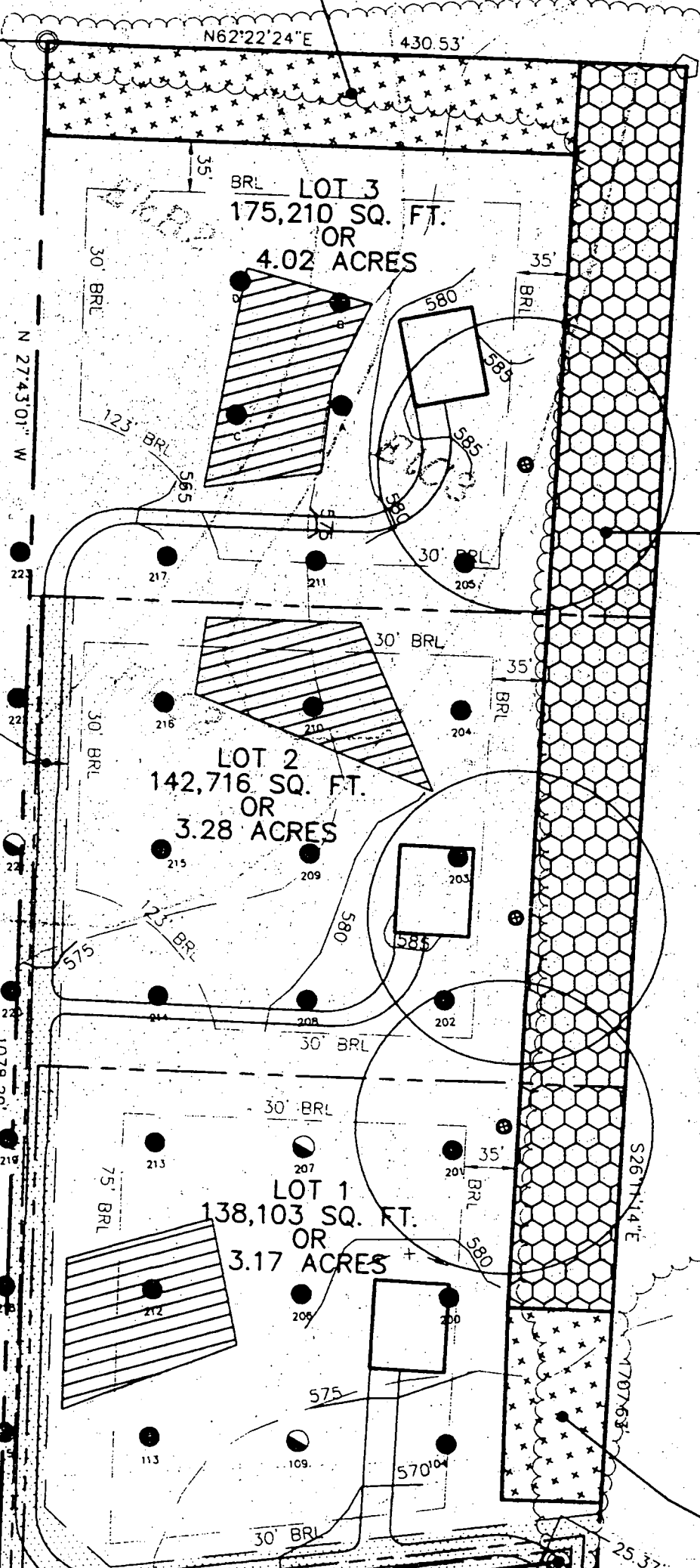
Peric Cert
12.14.98

N 27°43'01" W
1078.29'

S26°11'14"E

N70°07'53"

25.37'



555

560

565

570

575

580

580

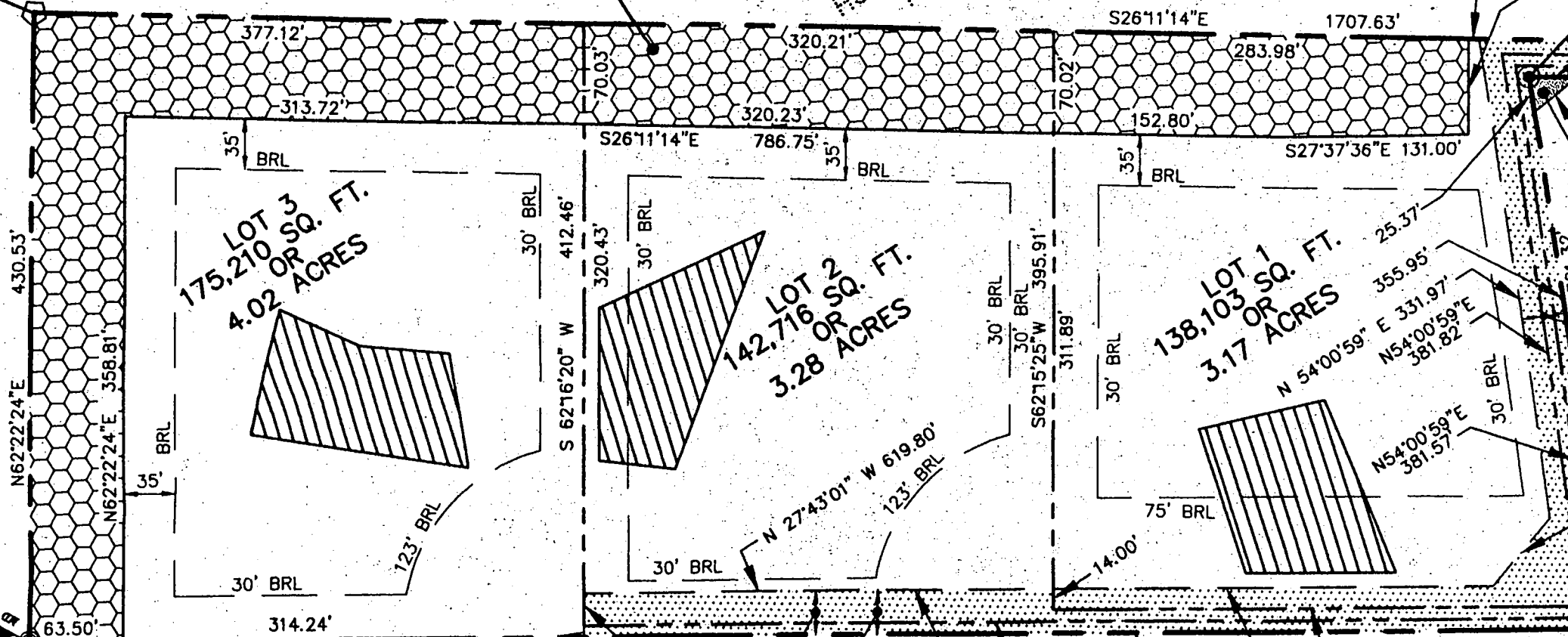
FC

AND WITH A CONSERVATION DEVELOPER AND POSTED WITH SAID RECORD THE DEED OF HOWARD COUNTY.

FOREST (RETENTION) 2.10

SAMUEL 364
HOWARD COUNTY AGRICULTURAL PRESERVATION PARCEL # HC95-01E

AS ARE



LOT 3
175,210 SQ. FT.
4.02 ACRES

LOT 2
142,716 SQ. FT.
3.28 ACRES

LOT 1
138,103 SQ. FT.
3.17 ACRES

PRIVATE USE-IN-COMMON
DRIVEWAY EASEMENT FOR
LOTS 1 THRU 3 AND PARCEL 150

PARCEL 36
DAVID GARRATT
1400/453
1431/28
HOWARD COUNTY AGRICULTURAL PRESERVATION PARCEL # HC96-01E

F.99.58

MENTS OF 3-108, THE REAL PROPERTY ARTICLE, OF MARYLAND, 1988 REPLACEMENT VOLUME, AS FAR AS THEY RELATE TO THE MAKING SETTING OF MARKERS HAVE BEEN

1/6/99
DATE

PARCEL
LOT
KEITH
248

B 1 1920

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2231

fill in this form completely

Date Received (APA) 4 16 99

OWNER INFORMATION

North Ridge Development LLC, 14045 Gated Dr., Elkwood MD 21738

B 3 Howard LOCATION OF WELL

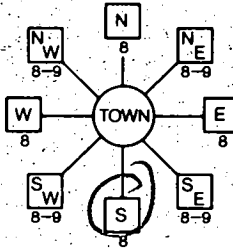
8 COUNTY DELIGHTFUL DAZE, 23 SUBDIVISION SYKESVILLE, 52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 2

DRILLER INFORMATION

Ralph MAYNE MS D16, Ralph MAYNE Well Drilling, 9120 Brown Church Rd. Mt. Airy, Md. Wayne 4-4-99

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



DAY Rd. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 1500 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 500, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 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 510195G, COUNTY NAME COUNTY NO., STATE SIGNATURE INSERT S S, DATE ISSUED 4 29 99 Steven P. Krieg 4 30 00, NORTH GRID 550 000 EAST GRID 870 000

APPROXIMATE DEPTH OF WELL 150 FEET, APPROXIMATE DIAMETER OF WELL 64 INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL, Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED, S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS-A-STANDBY CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS, D THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41

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

APPROX. PERMIT NUMBER 54 G.A.P. 63, PERMIT No. HO-94-2231

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

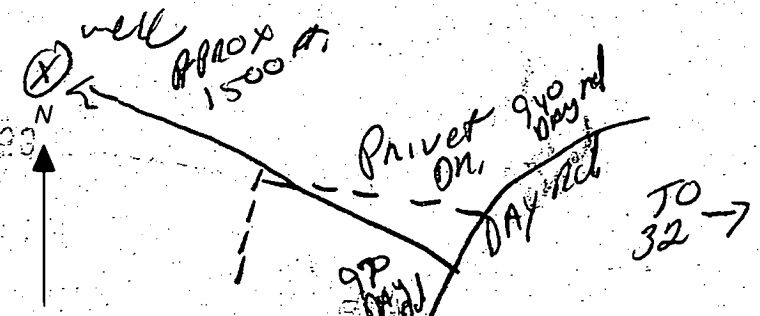
SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 870, N 550

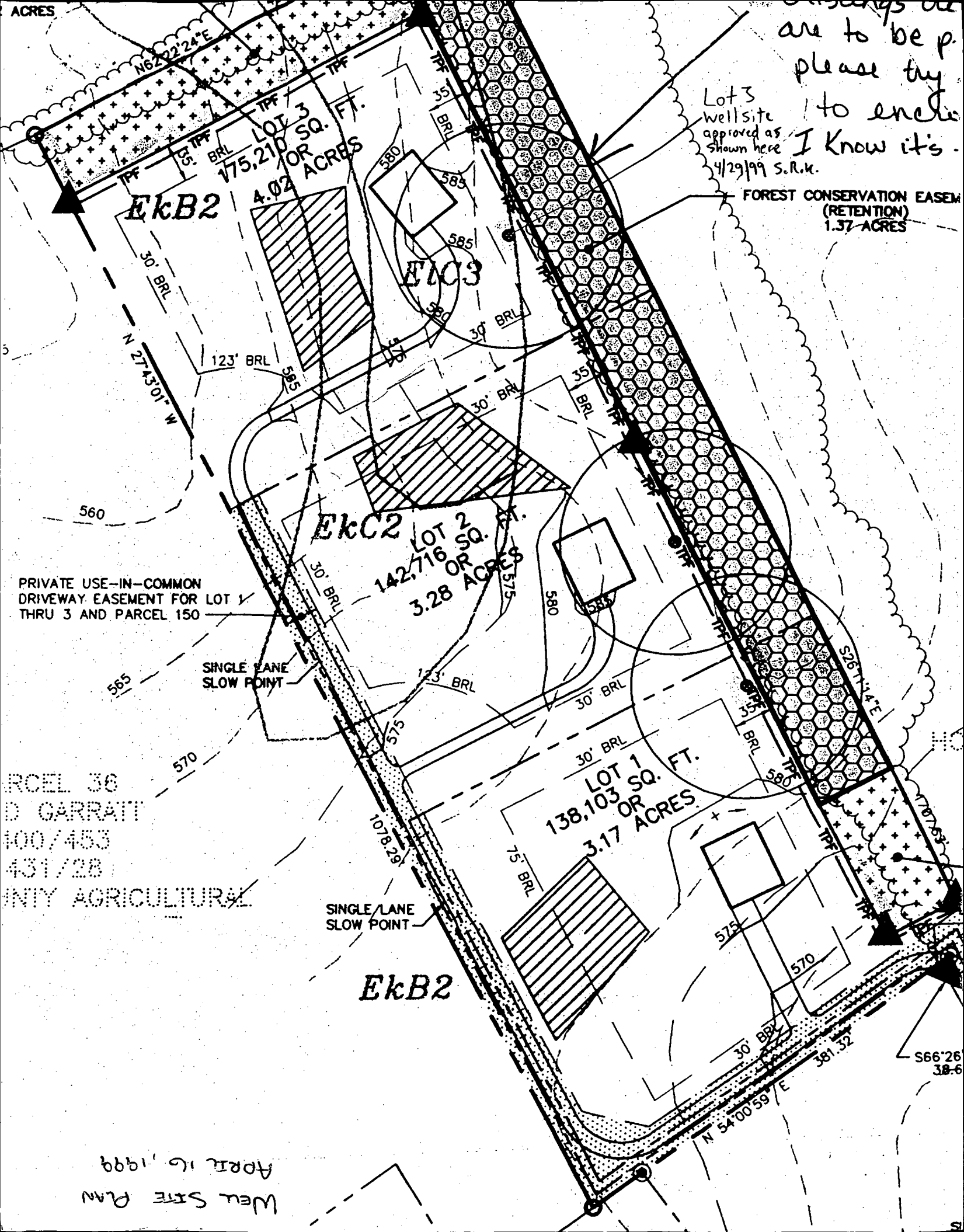
Grant done prior to arrival for pump test on 5/17/99, 58' set open hole, 20 Bags SRK tag on

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



C1 06726
 SEQUENCE NO. (MDE 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 510195 G

ST/CO USE ONLY
 DATE Received
 MM DD YR
 8 13

DATE WELL COMPLETED
 MM DD YR
 05 17 99
 15 20

Depth of Well
 22 185 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
 HO 94 2231
 28 29 30 31 32 33 34 35 36 37

OWNER Northridge Development LLC
 STREET OR RFD Day Road
 SUBDIVISION Delightful Daze SECTION TOWN 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	
Top Soil	0	2	
Sandy	2	45	
Sand Stone	45	50	✓
MICHA	50	80	
Sand Stone	80	85	
MICHA	85	185	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)
 YES 44 NO 44

TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT BENTONITE CLAY BC

NO. OF BAGS 45 46 20 NO. OF POUNDS 45 46 2000
 GALLONS OF WATER 120
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft to 30+ ft
 TOP 48 52 54 58 BOTTOM 58

CASING RECORD

cases types insert appropriate code below

ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

MAIN CASING TYPE PL
 Nominal diameter top (main) casing (nearest inch)! 6
 Total depth of main casing (nearest foot) 58
 60 61 63 64 66 70

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

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES NO

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

C 2 DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
E																				
A																				
C																				
H																				
S																				
R																				
E																				
N																				

DIAMETER OF SCREEN (NEAREST INCH)
 56 60
 from to

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3
 8 9

PUMPING RATE (gal. per min.) 12.
 11

METHOD USED TO MEASURE PUMPING RATE Bucket 15

WATER LEVEL (distance from land surface)
 BEFORE PUMPING 49 ft.
 17 20
 WHEN PUMPING 67 ft.
 22 25

TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED
 DRILLER 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 } LAND SURFACE
 - below } 2 (nearest foot)
 49 50 51

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.

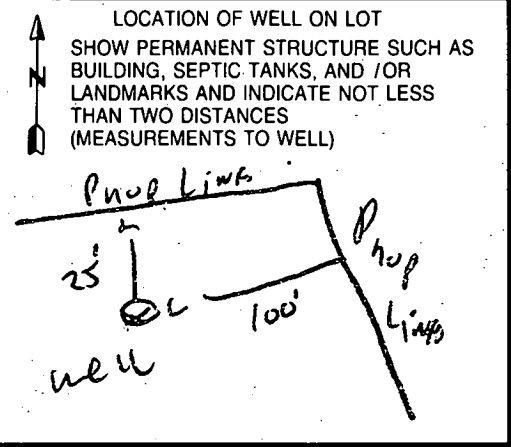
DRILLERS LIC. NO. 1 MSD 116
 DRILLERS SIGNATURE
 (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 MSD 117
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 O
 70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA



PARCEL 84
WARFIELD
364/255

PARCEL 84
WARFIELD
364/255

PARCEL 36
GARRATT
1400/453

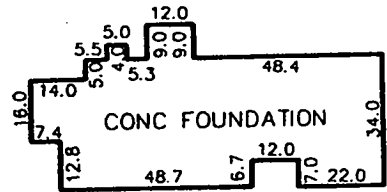
NOTE: THIS WALL CHECK DRAWING
WAS REVISED ON MARCH 2, 2000
TO CORRECT THE SOUTHEASTERLY
AND THE NORTHEASTERLY MOST
PROPERTY LINE WHICH WAS SHOWN
INCORRECTLY ON A PRIOR DRAWING.

SEE RECORD PLAT ENTITLED
DELIGHTFUL DAZE, LOTS 1 THRU 3
RECORDED IN THE LAND RECORDS
OF HOWARD COUNTY AS PLAT No. 13619
FOR THE REMAINING PORTION OF THE LOT.

*1/22/04
Barn location
OK (KN)*

LOT 3
DELIGHTFUL DAZE
LOTS 1 THRU 3

PLAT NO. 13619
ELECTION DISTRICT No. 3
HOWARD COUNTY, MARYLAND



DETAIL
SCALE: 1"=50'
TOP OF WALL ELEV.
579.3±

LEGEND

- O/H = OVERHANG
- H/P = HEAT PUMP/AIR COND.
- G/M = GAS METER
- E/M = ELECTRIC METER
- F/P = FIREPLACE
- B/W = BAY WINDOW
- D/W = DRIVEWAY
- CONC = CONCRETE

ADDRESS: DAY ROAD

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT
ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD
INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER
FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR
THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES,
GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

**MILDENBERG
BOENDER, & ASSOC., INC.**

Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Ball. (301) 621-5521 Wash. (410) 997-0298 Fax.

[Signature]
JOHN MILDENBERG
PROF. LAND SURVEYOR
MARYLAND No. 10718

FOUNDATION	DATE: 12/22/99	FINAL	DATE:
DRAWN BY: M.E.S.	SCALE: 1"=100'		
PROJECT NO.: 99051(98048)		LOCATION DRAWING	