

LAYOUT 8/19/04 11:00 INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 8/16/04 P 520827

APPROVAL DATE: 3-17-05 A 57610-S

PERMIT
INDEXED
TAX ID # 04-362918

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

Hatfields Equipment IS PERMITTED TO INSTALL ALTER

ADDRESS: 13785 Burntwoods Road, Glenelg PHONE NUMBER: 410-531-6773

SUBDIVISION: Spring Hollow LOT NUMBER: 17

ADDRESS: 17239 Hardy Road PROPERTY OWNER: Catoctin Homes, Inc.

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

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 120 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest elevation in the approved SDA.
NOTES:	

PLANS APPROVED: Kevin J. Bell Reviewed by: _____ DATE: 6/21/04

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

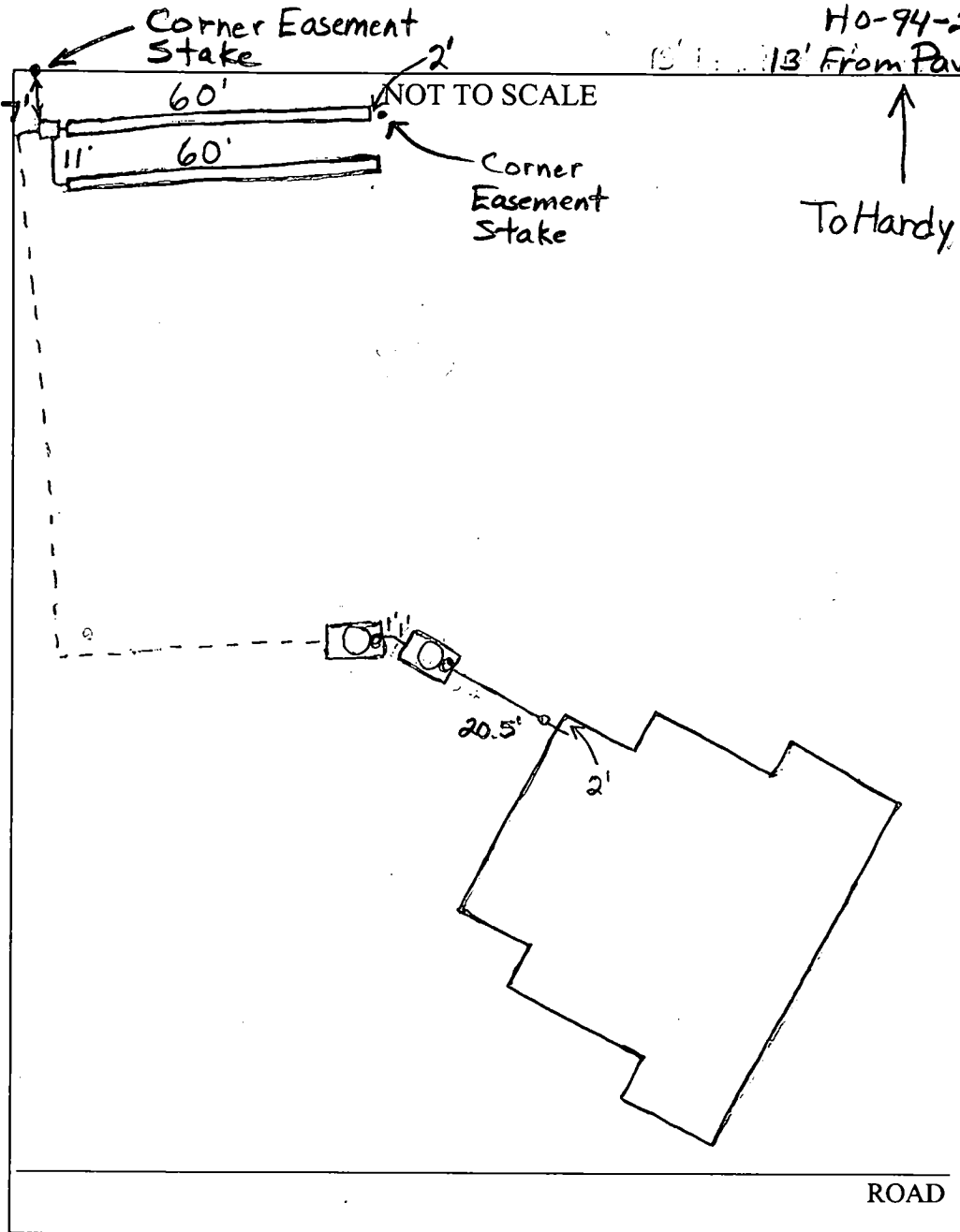
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
BUILDING PERMIT SIGNED AND RETURNED
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

BUILDING PERMIT SIGNED AND RETURNED
12-8-04 80051286-PROPANE TANK

A57610-S

H0-94-2243

13' From Paved Access



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		120'
ABSORPTION AREA		360' + Sidewall
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		90° Elbow
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'-3'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'-3'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No

PRE-CONSTRUCTION 8/19/04 Septic tanks moved to keep distance from the well line. Tanks set. Need house connection. Install

INSTALLATION 2-60' trenches across the top of the septic easement.

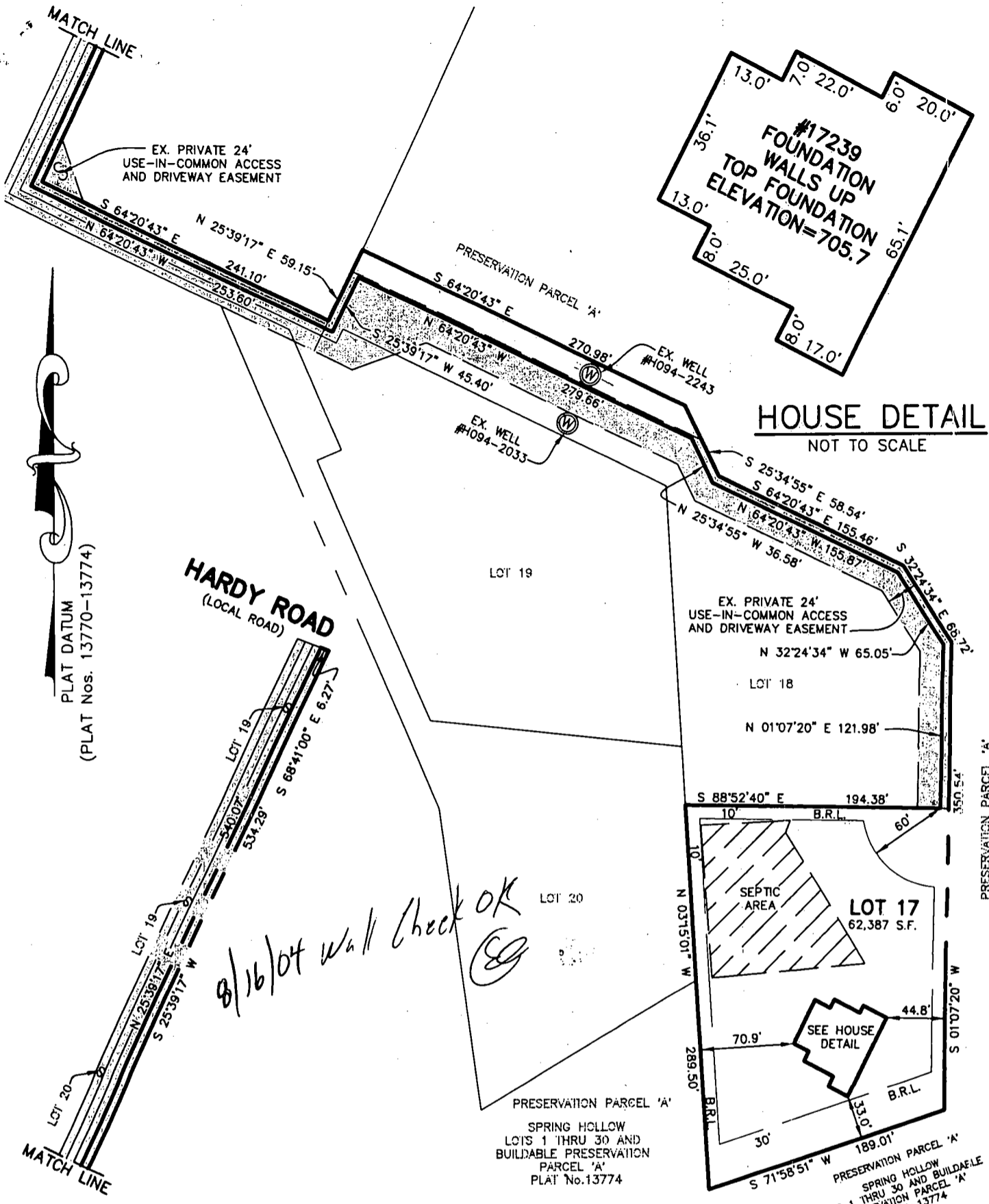
8/20/04 Need house connection and pump and alarm test for final approval. Pump line covered and not inspected. (BB)

3-17-05 Pump & Alarm inspection OK (KN/SF)

FINAL INSPECTOR Racine Torpan

BUILDING DEPARTMENT

DATE OF APPROVAL 3-17-05



HOUSE DETAIL
NOT TO SCALE

HARDY ROAD
(LOCAL ROAD)

8/16/04 wall check OK
[Signature]

- NOTES:
- 1) B.R.L. = BUILDING RESTRICTION LINE
 - 2) NO TITLE REPORT FURNISHED. THIS PROPERTY SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY AND COVENANTS OF RECORD.
 - 3) THIS PLAT IS A BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.
 - 4) THIS PLAT IS NOT TO BE RELIED UPON FOR THE CONSTRUCTION OF FENCES, GARAGES, BUILDING OR FUTURE IMPROVEMENTS.
 - 5) ~~THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES. BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.~~
 - 6) THE SUBJECT PROPERTY LIES IN ZONE "c" (AREA OF MINIMAL FLOODING) AS SHOWN ON F.I.R.M. MAP NO. 240044 0007B (NOT PRINTED) DATED DECEMBER 4, 1986 FOR HOWARD COUNTY, MARYLAND.

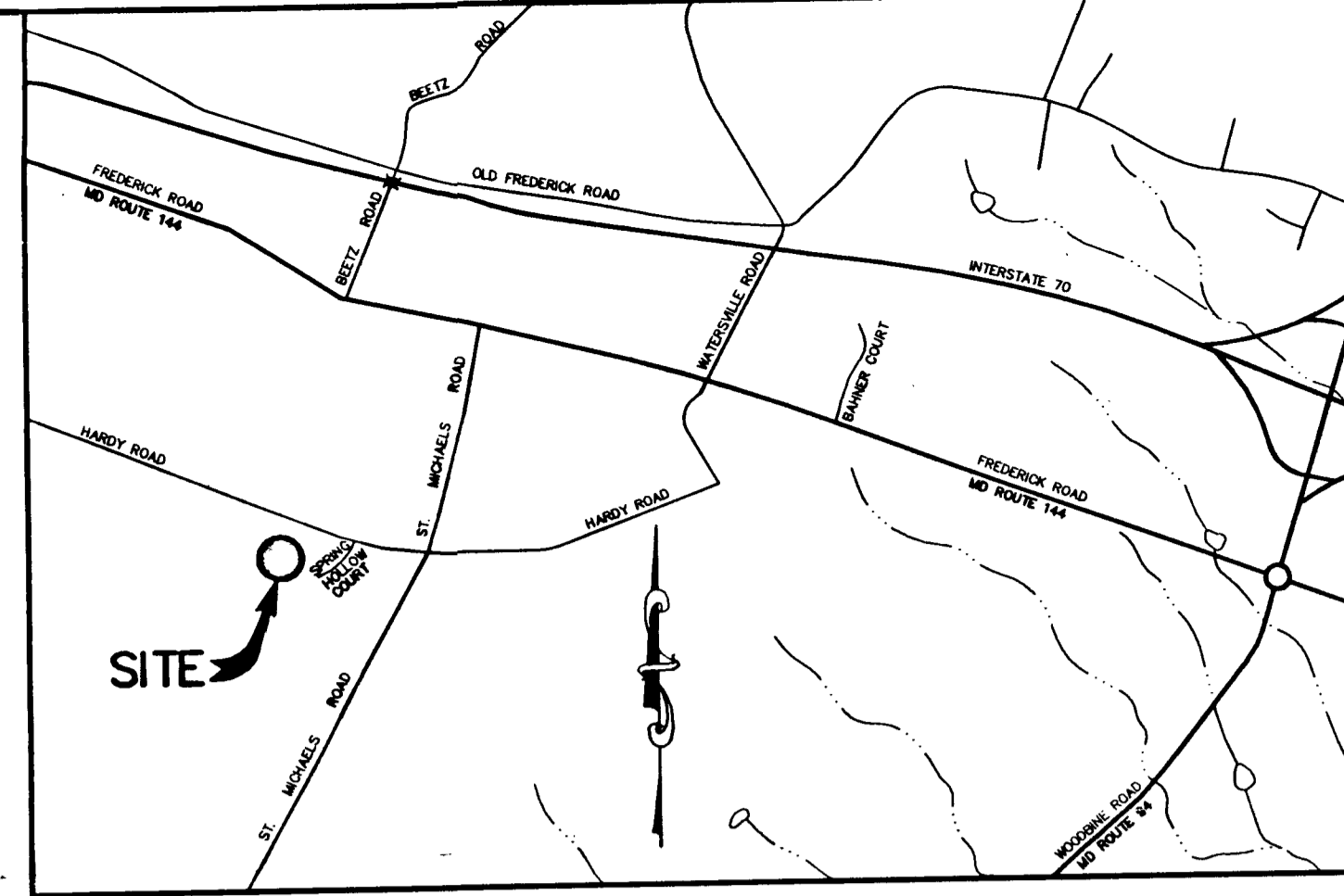
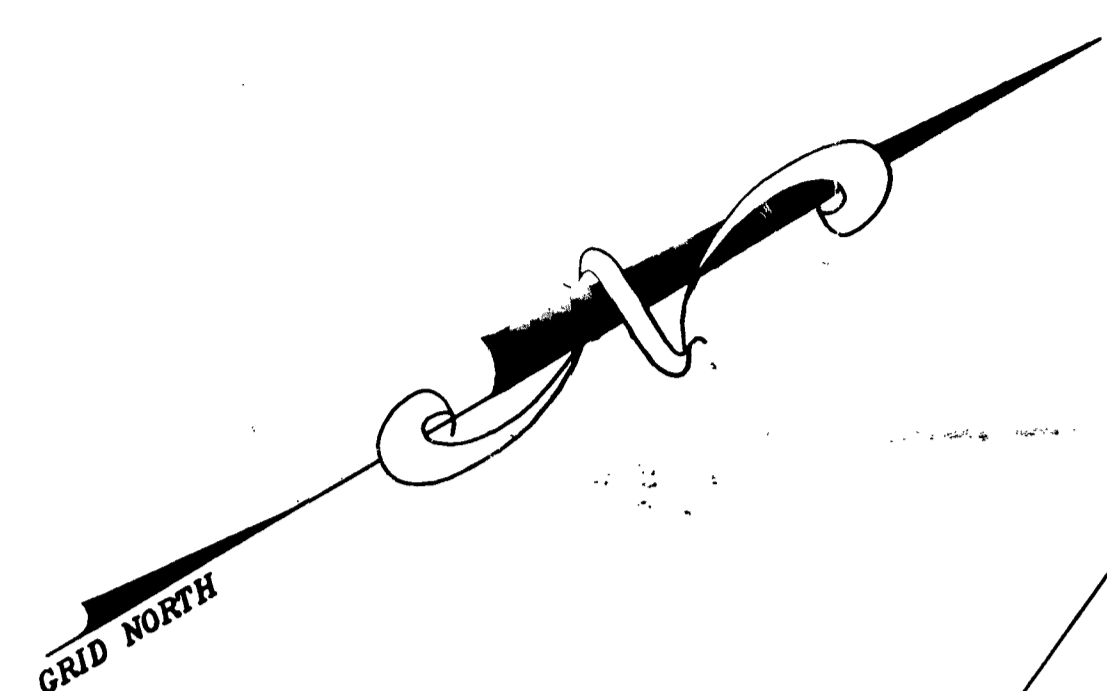
LOCATION DRAWING

SURVEYOR'S CERTIFICATE

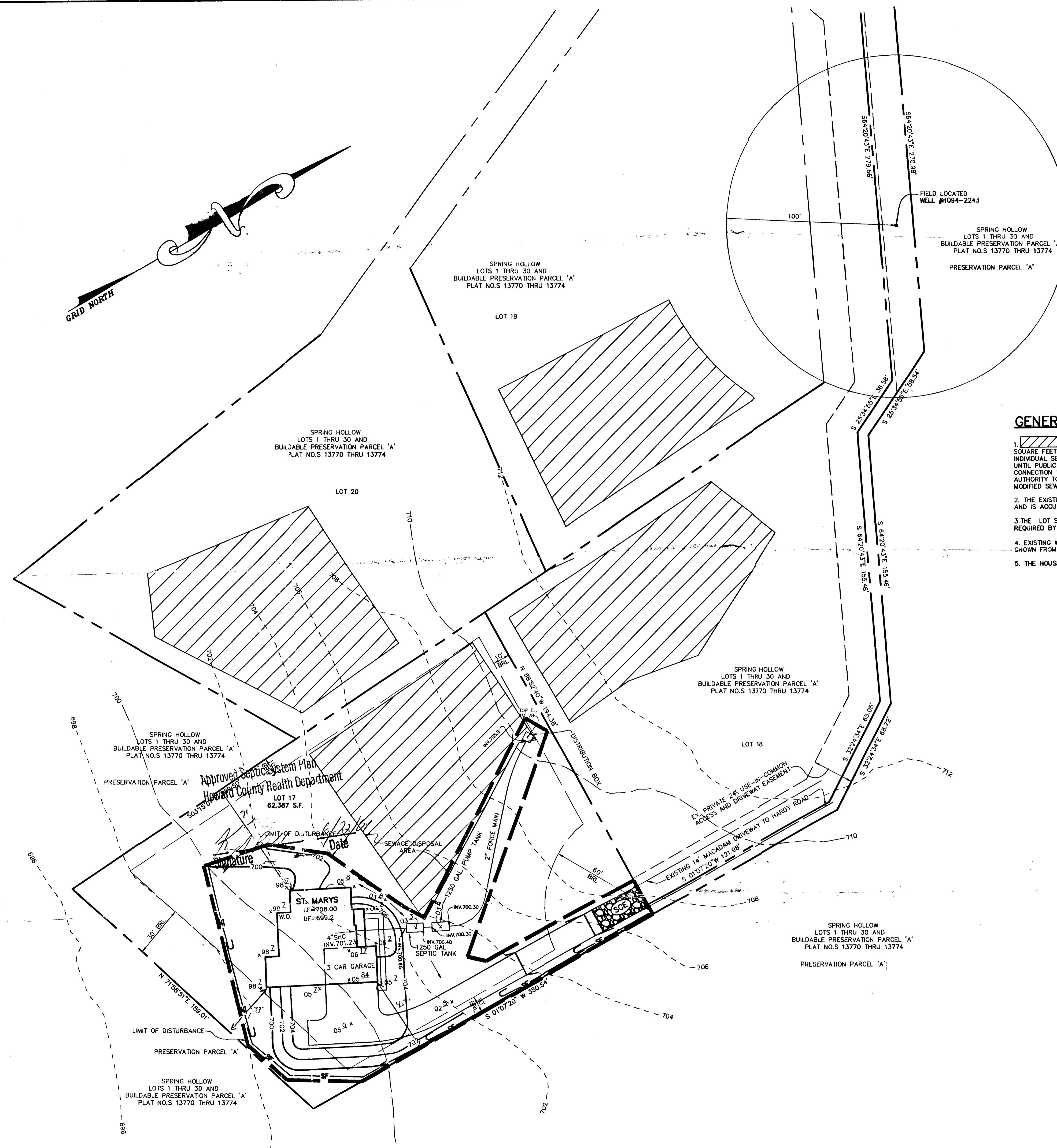
I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THIS PLAT OF THE PROPERTY SHOWN ABOVE, DESCRIBED AS: LOT 17 AND SHOWN ON A PLAT OF RECORD, TITLED: SPRING HOLLOW LOTS 1 THRU 30 AND BUILDABLE PRESERVATION PARCEL 'A' AND RECORDED AS PLAT No. 13772 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, WAS PREPARED UNDER MY SUPERVISION AND THAT THE VISIBLE IMPROVEMENTS AS SHOWN HEREON WERE LOCATED BY RECOGNIZED SURVEYING PRACTICE, AND UNLESS OTHERWISE INDICATED, NO OTHER VISIBLE EVIDENCE WAS OBSERVED OF APPARENT ENCROACHMENTS ACROSS THE PROPERTY LINES.

SIGNATURE: *[Signature]* DATE: 07-28-04
 PRINTED NAME: PAUL L. COONE, REGISTERED PROPERTY LINE SURVEYOR MD. REG. NO. 562

Job No. 12974-1-0
Scale: 1" = 100'
Wall Check
Date: 07-28-04
Drawn: H.J.M.
Checked: P.L.C.
Final
Date:
Drawn:
Checked:
PHR&A
Phone: 410-997-8900

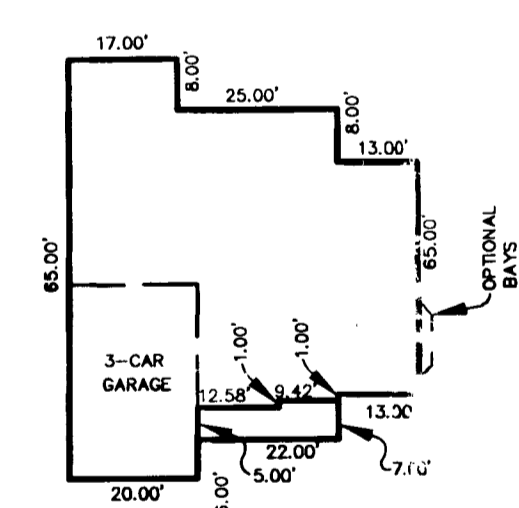


VICINITY MAP
SCALE: 1"=2000'

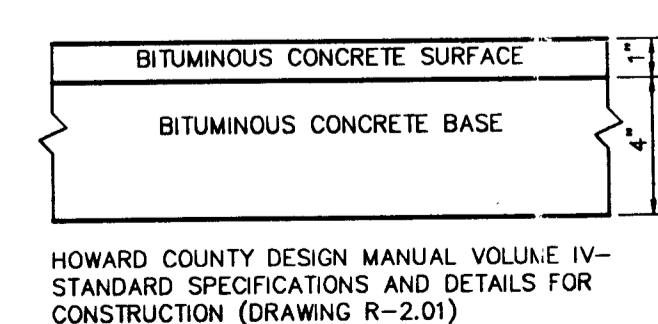
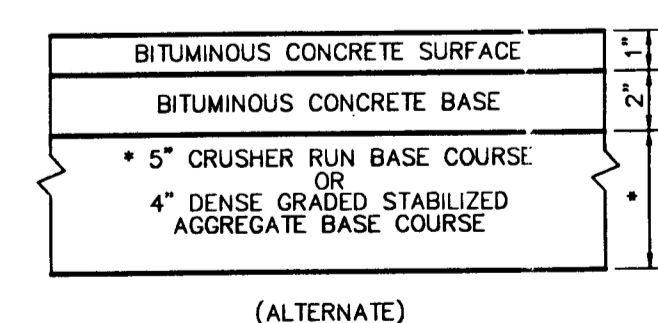


GENERAL NOTES

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE EXISTING WELL SHOWN ON THIS PLAN, #H094-2243, HAS BEEN FIELD LOCATED BY PHR&A AND IS ACCURATELY SHOWN.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- THE HOUSE SITE COMPLIES WITH MINIMUM BUILDING RESTRICTION REGULATIONS.



THE ST. MARYS HOUSE PLAN
SCALE: 1" = 30'



P-1 PAVING
NO SCALE

BY THE DEVELOPER :

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER _____ DATE _____

BY THE ENGINEER :

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Christopher J. Reid 6.21.04
ENGINEER DATE

THESE PLANS HAVE BEEN REVIEWED BY THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

NATURAL RESOURCES CONSERVATION SERVICE DATE _____

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT DATE _____

DATE NO. _____ REVISION _____

OWNER / DEVELOPER
CATOCTIN HOMES, INC.
P.O. BOX 512
ELLICOTT CITY, MARYLAND 21041
410-772-5804

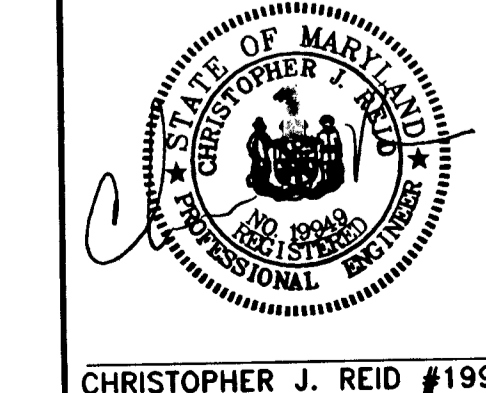
PROJECT **SPRING HOLLOW**
LOT 17
PLAT NO. S 13772

AREA TAX MAP 7, PARCEL 528, ZONED RC
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE **PLOT PLAN**
Patton Harris Rust & Associates, pc
Engineers, Surveyors, Planners, Landscape Architects.
8818 Centre Park Drive
Columbia, MD 21045
T 410.997.8900
F 410.997.9282

DATE 6.21.04

DESIGNED BY : L.J.D.
DRAWN BY : L.J.D.
PROJECT NO : 12974-1-0
DATE : JUNE 21, 2004
SCALE : 1"=30'
DRAWING NO. 1 OF 1



CHRISTOPHER J. REID #19949

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: Gartland Plumbing Inc Telephone #: 410-875-5303
Address: 1620 W. Old Liberty Rd
Sylkesville, MO 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Joseph Gartland License# 6352
*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: Catoctin Homes Inc Telephone #: 410-722-5804
Subdivision: Spring Hollow Lot #: 17 Well Tag #: HO-94-2343
Site Address: 17239 Hardy Rd
Mt. Airy, MO 21221

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Goulds Make: BT Two piece watertight cap: ✓
Model #: 26507 Model#: P100LT Screened, vented well cap: ✓
Pump Capacity 2 GPM Depth: 42' (36" min) Cap secured to casing: ✓
Well Yield: 12 GPM NSF approved: Yes Conduit min 18" E.G.: ✓
Depth of well encountered at time of pump installation: 185 (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 Yes

Piping to house House Connection
Type: Poly PVC sleeved to undisturbed soil at wall penetration: ✓
PSI: 160h (160 psi min) Approximate length of sleeve: 11'
Depth of supply line: 42' (36" min) Sleeve caulked and sealed properly: Yes

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] 2-24-05
Signature of company representative responsible for installation date

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

Date Insp. Requested: _____ Date Insp. Approved: _____
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 ✓
BB
Barick - Left Note to Uncover

HD-215 (Rev. 8/00)
5/17/05
Talked to Drew (Catoctin Home),
he said sleeve was 8'-10' in
length out of house (BB)

C1 06742

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

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

COUNTY NUMBER A576105

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

ST/CO USE ONLY: DATE Received MM DD YY

DATE WELL COMPLETED

05 19 99

Depth of Well

22 185 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2243

OWNER Cissel Lambert STREET OR RFD Hardy Road TOWN Poplar Springs SUBDIVISION Spring Hollow SECTION LOT 17

WELL LOG

Not required for driven wells

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

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

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay) NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (PC) Nominal diameter (6) Total depth of main casing (185)

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT) DEPTH (nearest ft.)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. MSD116 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MSD117 DRILLERS SIGNATURE

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

DEPTH (nearest ft.) HO 33 185

Table for casing height with columns for diameter and depth.

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

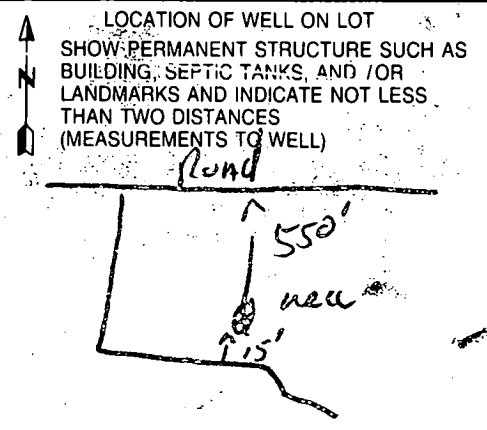
C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15 METHOD USED TO MEASURE PUMPING RATE Buckets WATER LEVEL (distance from land surface) BEFORE PUMPING 55 WHEN PUMPING 58 TYPE OF PUMP USED (for test) C centrifugal

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) LAND SURFACE (nearest foot)



Lot 17 Water Level

55 ft

Pump Started at 9:00

Pump Rate at 12 GPM

Time	Gpm	Depth	Sec
9:15	12	61	5
9:30	12	62	5
9:45	12	62	5
10:00	12	62	5
10:15	12	62	5
10:30	12	62	5
10:45	12	62	5
11:00	12	62	5
11:15	12	62	5
11:30	12	62	5
11:45	12	62	5
12:00	12	62	5
12:15	12	62	5

Lot 18 Water Level 53 ft

Pump Started at 9:00

Pumping Rate at 20 GPM

Time	Gpm	Depth	Sec
9:15	20	60	3
9:30	20	61	3
9:45	20	61	3
10:00	20	61	3
10:15	20	61	3
10:30	20	61	3
10:45	20	61	3
11:00	20	61	3
11:15	20	61	3
11:30	20	61	3
11:45	20	61	3
12:00	20	61	3
12:15	20	61	3

Marge

489 4003

6/11/99

Lot 17

9:15	12 gpm	61	5
9:30	12 gpm	62	5
9:45	12 gpm	62	5
10:00	12 gpm	62	5 sec
10:15	12 gpm	62	5 sec
10:30	12 gpm	62	5 sec
10:45	12 gpm	62	5 sec

Lot 18

20 gpm	60	3
20 gpm	61	3
20 gpm	61	3
20 gpm	61	3
20 gpm	61	3
20 gpm	61	3
20 gpm	61	3

Simultaneous well yield test

on Lot 17 & 18 - wells do not
appear to be interconnected.

A. McMill

B 1 1924 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER HO-94-2243 fill in this form completely

Date Received (APA) 043099

OWNER INFORMATION

CISSEL Lambert 3425 Hipsley Mill Rd. Woodbine MD 21797

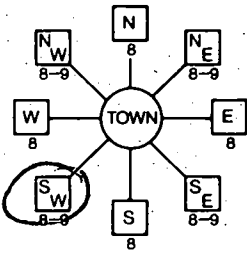
LOCATION OF WELL

Howard Spring Hollow Poplar Springs

DRILLER INFORMATION

Ralph MAYNE MSD116 KALPH MAYNE well DRILLING 9120 Brown Church Rd Mt Airy

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



HARDY Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH WEST EAST

WELL INFORMATION APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

TAX MAP: BLK: PARCEL

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 Co A576105 COUNTY NAME COUNTY NO. DATE ISSUED 050599 A M McMill 050500

APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST TOWN

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3.

5/14/99 9:00 35' casing Grouted at 9am 33 open hole per driller 10 Bags 5/14/99 Grout done prior to arrival SRH

METHOD OF DRILLING (circle one)

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

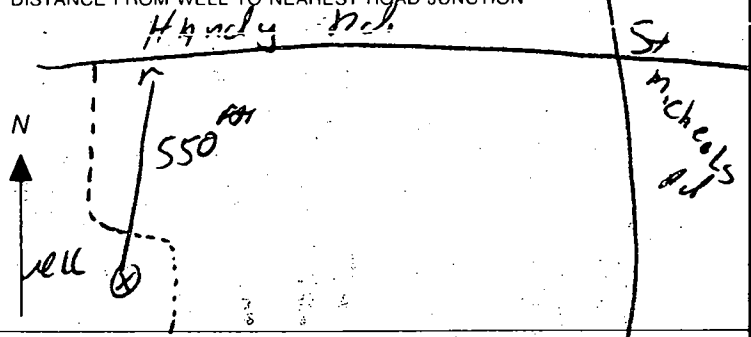
WRITE THE BOX NUMBER FROM THE MAP HERE

E 768 N 548

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)

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

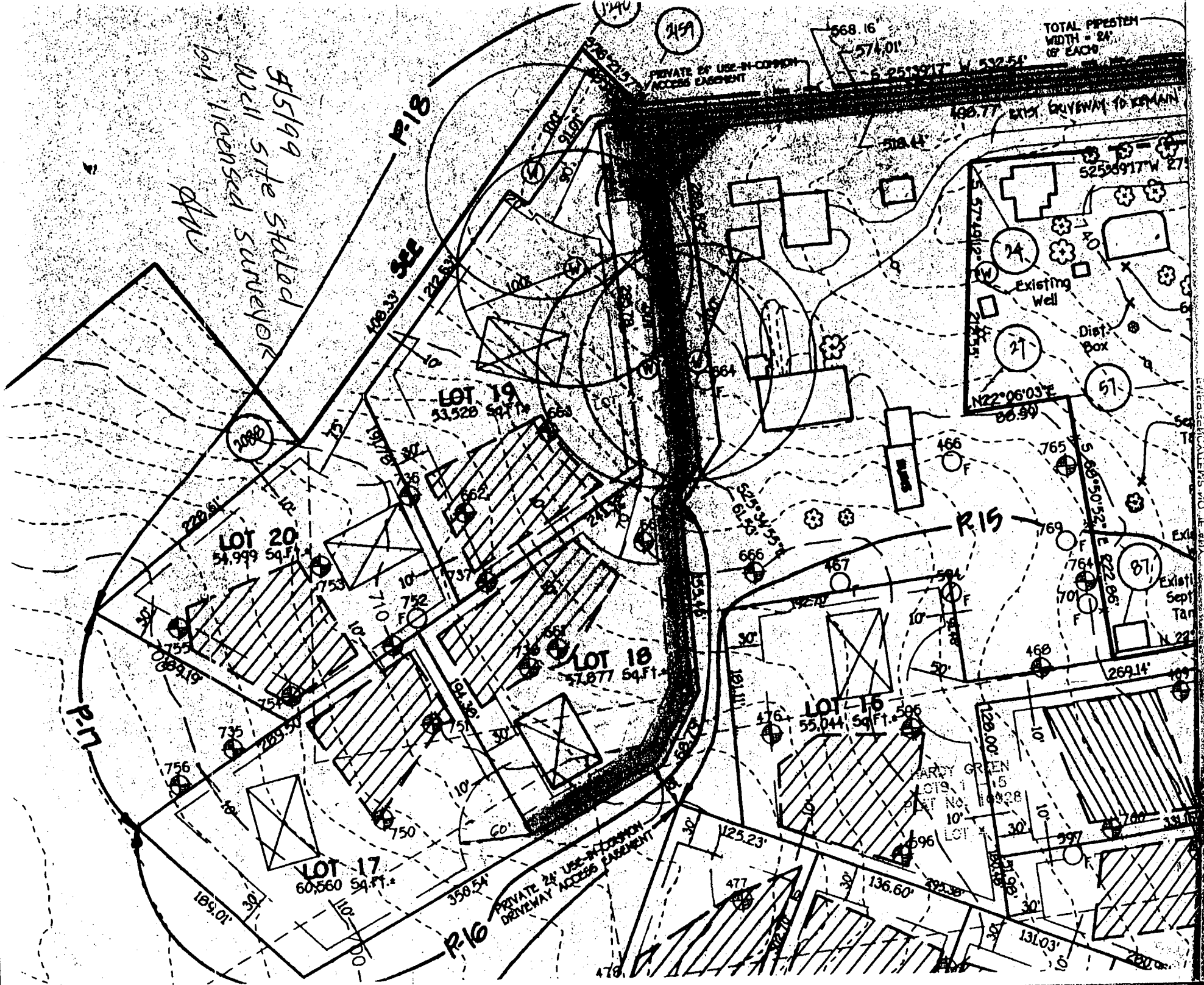


Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER GAP PERMIT No. HO-94-2243

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



4/5/99
Well site staled
Well licensed surveyor
AM

TOTAL PIPESTEM
WIDTH = 24"
18" EACH

PRIVATE 24" USE-IN-CORPORATION
ACCESS EASEMENT

EXIST. DRIVEWAY TO KEMAN

Existing Well

Dist. Box

Exist. Sept Tank

PRIVATE 24" USE-IN-CORPORATION
DRIVEWAY ACCESS EASEMENT

HARRY GREEN
LOTS 15
PART NO. 1928
LOT 15

2088

4159

24

21

51

87

P-17

P-18

SEE

R-15

P-16

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
PO BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

DISTRICT _____

DATE _____

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 Lambert Cissel

ADDRESS 3425 Hipsley Mill Road, Woodbine, MD 21797 PHONE (410) 442-5671

PROSPECTIVE BUYER Developer, Land Marketing Consultants, Inc., Timothy W. Feaga

ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE (410) 313-8808

PROPERTY LOCATION:

SUBDIVISION Cissel Property LOT NO 17-2D

ROAD AND DESCRIPTION Intersection of Hardy & St. Michael's Road

TAX MAP 7 PARCEL # 394, 4, 341, 144

SIZE OF LOT 1 Acre 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. Willis Lambert Cissel JR
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

754 751

0' 1gt brown Silm 153

3.0' dark orange brown Silm 20% frags

750

2.0' like 754 but pockets of 30% shale

752

3.0' dark orange Silm

6.0' brown Silm 40% rock

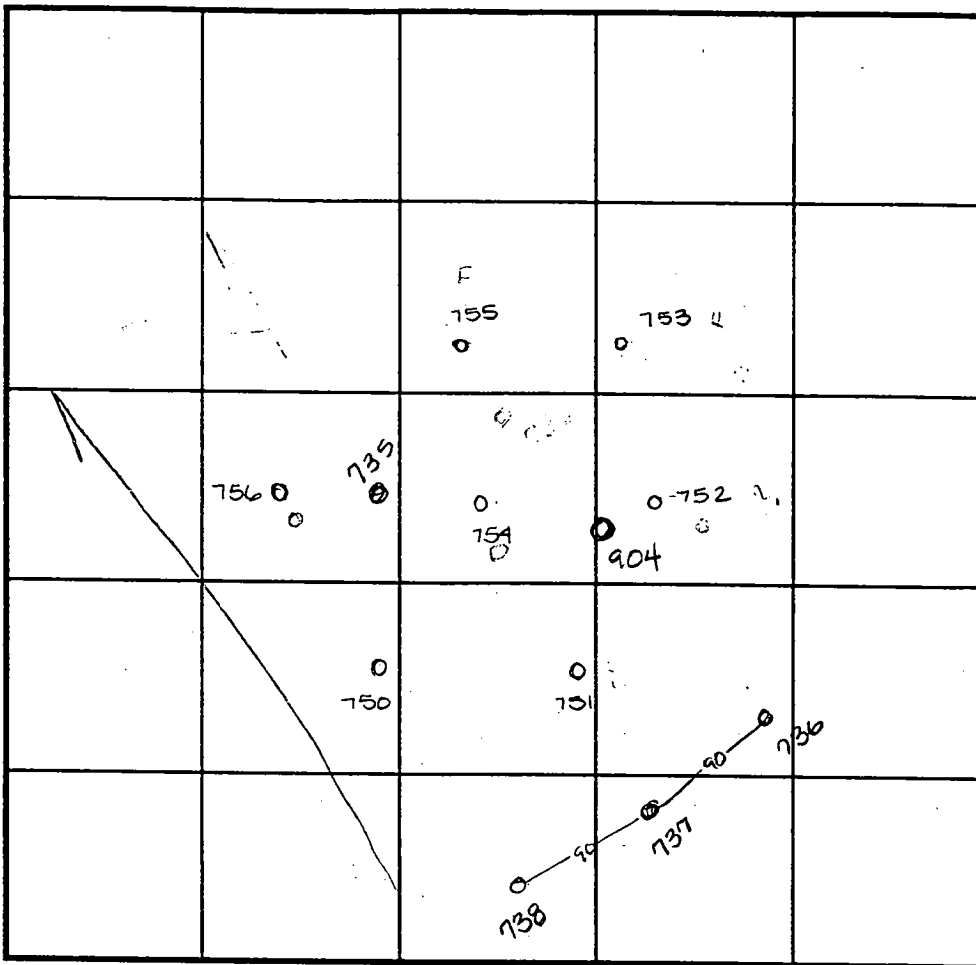
12.5' 50% rock

SOIL PROFILE

755 756

0' dark orange Silm

3.0' bright red to orange Silm 20% Shale



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8-28-96	754	3.0 / V12.0	8:33 ³⁰	8:40	8:40	9:00	20min	
	750	Visual	to 12.0 see profile		—		OK	
	752	Insufficient depth to bedrock						
			see profile		—		F	
	755	Visual	to 12.0 - see profile		—		OK	
	751	Visual	to 12.0 - see profile		—		OK	
	753	2.0 / V11.0	8:48	8:50	8:50	8:52	2min	
	756	3.5 / V11.0	9:04	9:05	9:05	9:06 ³⁰	1 1/2 min OK	

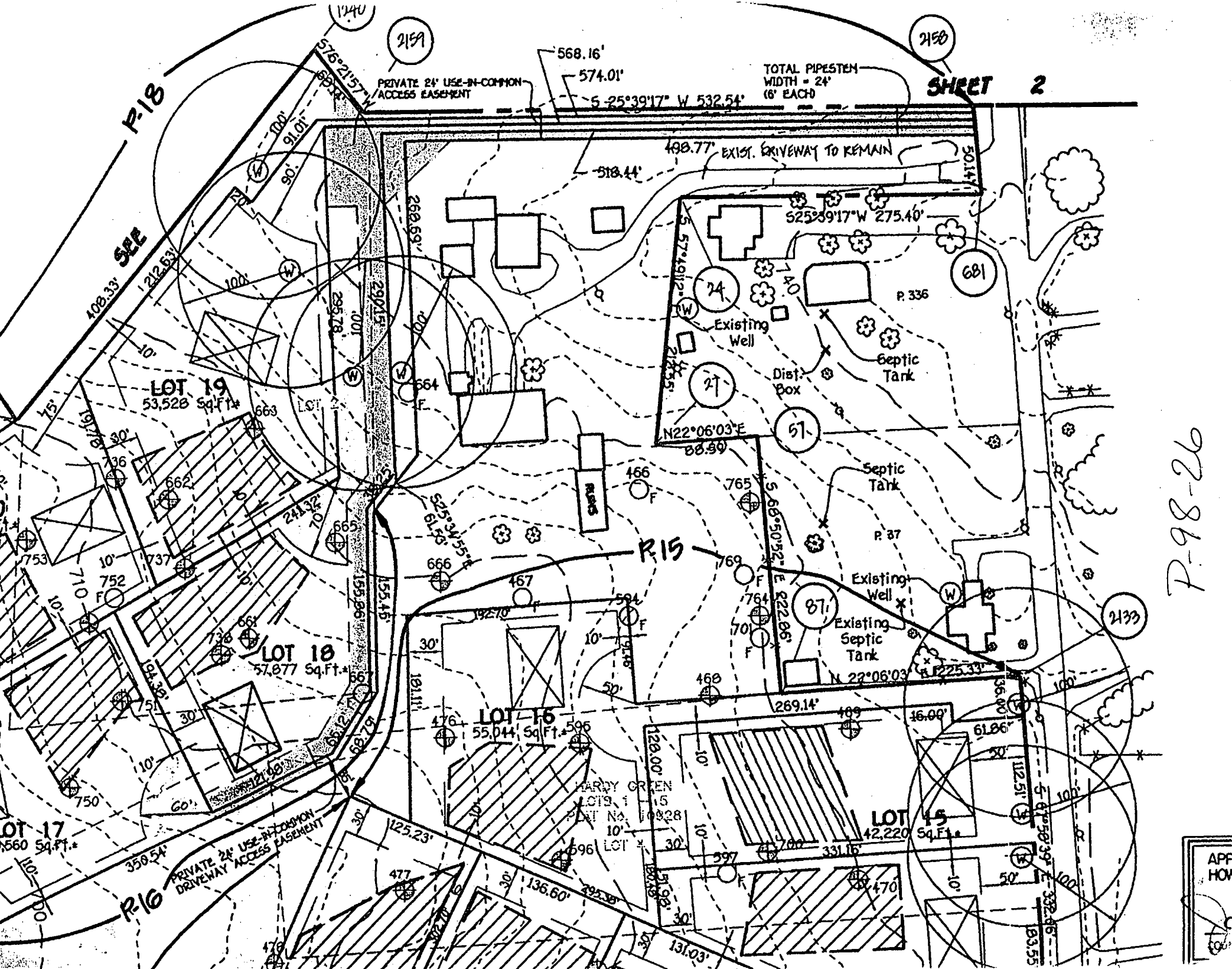
REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



PRIVATE 24' USE-IN-COMMON ACCESS EASEMENT

TOTAL PIPESTEM WIDTH = 24' (6' EACH)

LOT 19
53,528 Sq. Ft.

LOT 18
57,877 Sq. Ft.

LOT 16
55,044 Sq. Ft.

LOT 15
42,220 Sq. Ft.

HARRY GREEN
LOT 15
PART NO. 100328

LOT 17
5660 Sq. Ft.

PRIVATE 24' USE-IN-COMMON DRIVEWAY ACCESS EASEMENT

Existing Well

Septic Tank

Septic Tank

Existing Well

Existing Septic Tank

P-98-26

APP
HOW

LOT 1
LAMBERT GREEN
PLAT No. 10523

PROPERTY OF
JAMES R. SMOOT
LIBER 781, FOLIO 120

Part Of Buildable Preservation Parcel 'A'

Area This Sheet = 3.994 Ac.
(For Total Area See Sheet 5)

1248
519°20'43"E
49.50' (ESMT)
206.10' (Access Easement)
564°20'43"E 266.10'
564°20'43"E 253.60'
564°20'43"E 241.10'

1239
N64°20'43"W 188.36'
(Access Easement)
N64°20'43"W 297.67'

1240
N64°20'43"W 297.67'

LOT 3
LAMBERT GREEN
PLAT No. 10523

F-99-30

Part Of Buildable Preservation Parcel 'A'

Area This Sheet = 0.513 Ac.
(For Total Area See Sheet 5)

FOREST CONSERVATION EASEMENT AREA #3
(Part 2 of 2)
AREA = 0.266 AC.
AFFORESTATION

LOT 2
LAMBERT GREEN
PLAT No. 10523

LOT 19
62,396 Sq.Ft.

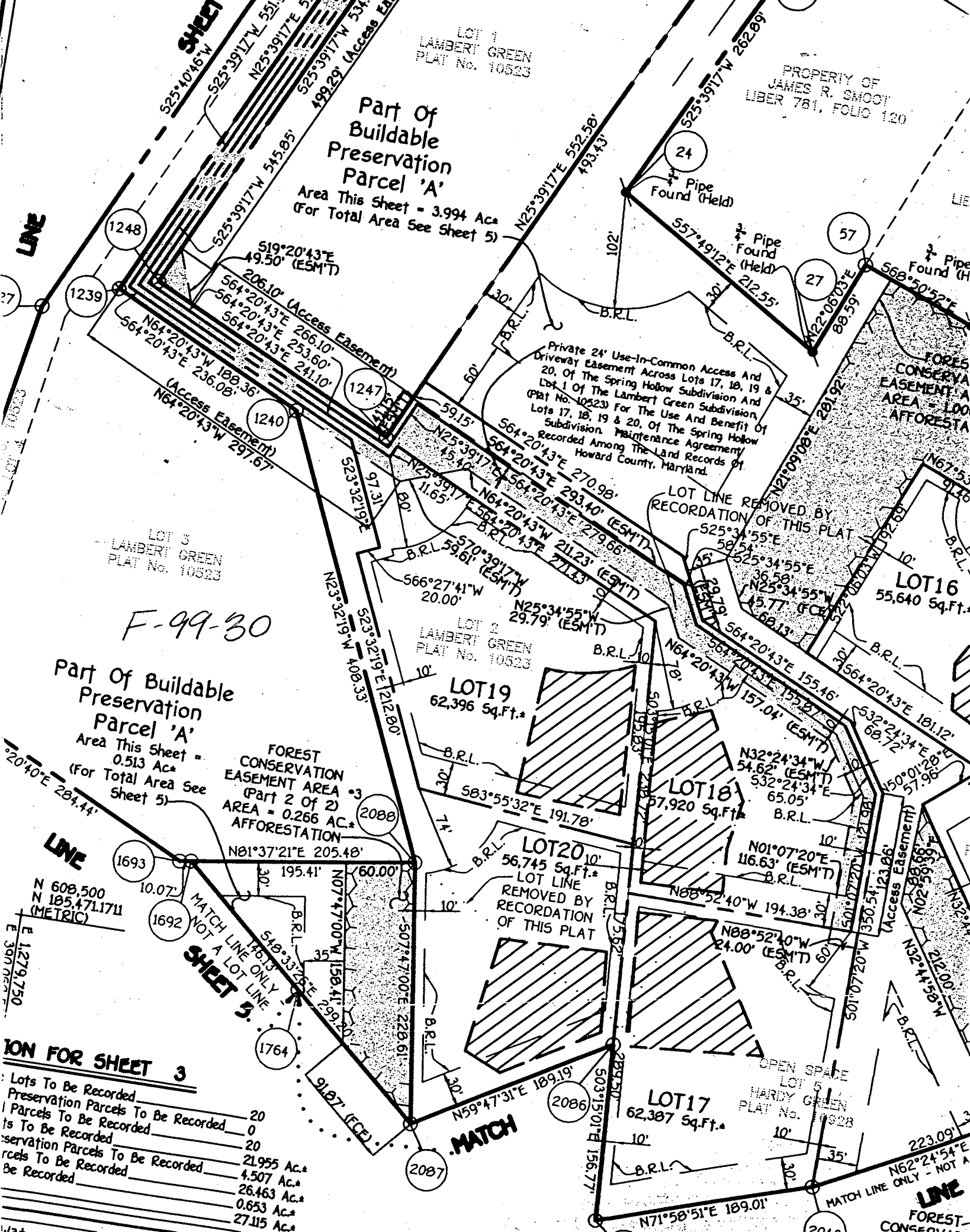
LOT 18
57,920 Sq.Ft.

LOT 20
56,745 Sq.Ft.
LOT LINE REMOVED BY RECORDATION OF THIS PLAT

LOT 17
62,387 Sq.Ft.

ION FOR SHEET 3

Lots To Be Recorded	20
Preservation Parcels To Be Recorded	0
Parcels To Be Recorded	20
Acres To Be Recorded	21,955 Ac.
Acres To Be Recorded	4,507 Ac.
Acres To Be Recorded	26,463 Ac.
Acres To Be Recorded	0,653 Ac.
Acres To Be Recorded	27,115 Ac.

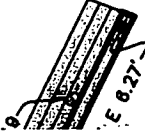


HOUSE DETAIL

NOT TO SCALE

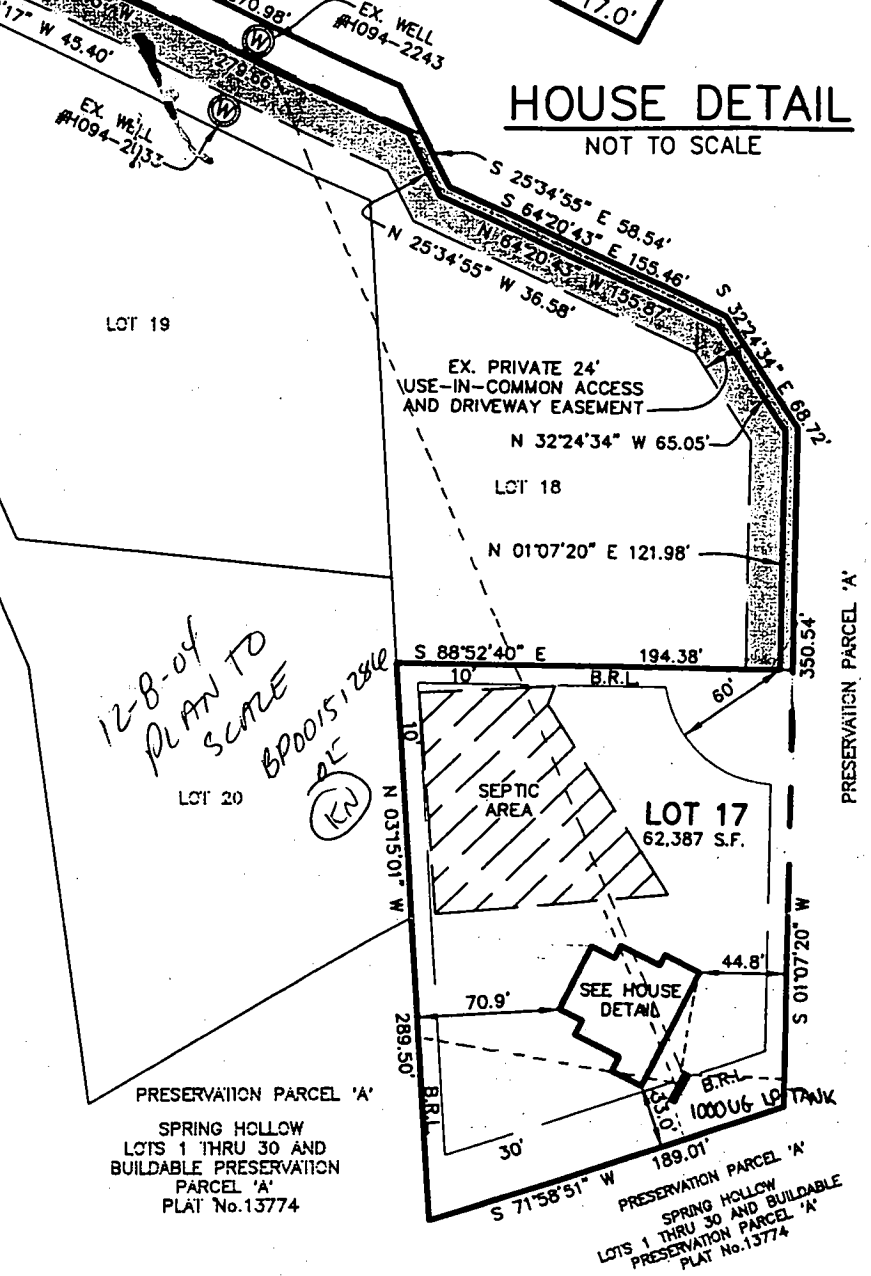
PLAT DATUM
(T Nos. 13770-13774)

HARDY ROAD
(LOCAL ROAD)



DISTANCE FROM TANK TO:
 REAR CORNER OF HOUSE: 12'
 FRONT CORNER OF HOUSE: 50'
 LEFT PROPERTY LINE: 125'
 RIGHT PROPERTY LINE: 50'
 BACK PROPERTY LINE: 18'
 FRONT PROPERTY LINE: 206'
 SEPTIC AREA: 93'
 WELL: 575'

*12-8-04
PLAN TO
SCALE
BPO0151284
KN*



- NOTES:
- 1) B.R.L. = BUILDING RESTRICTION LINE
 - 2) NO TITLE REPORT FURNISHED. THIS PROPERTY SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY AND COVENANTS OF RECORD.
 - 3) THIS PLAT IS A BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.
 - 4) THIS PLAT IS NOT TO BE RELIED UPON FOR THE CONSTRUCTION OF FENCES, GARAGES, BUILDING OR FUTURE IMPROVEMENTS.
 - 5) THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
 - 6) THE SUBJECT PROPERTY LIES IN ZONE "c" (AREA OF MINIMAL FLOODING) AS SHOWN ON F.I.R.M. MAP NO. 240044 0007B (NOT PRINTED) DATED DECEMBER 4, 1986 FOR HOWARD COUNTY, MARYLAND.

LOCATION DRAWING

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THIS PLAT OF THE PROPERTY SHOWN ABOVE, DESCRIBED AS: LOT 17 AND SHOWN ON A PLAT OF RECORD, TITLED: SPRING HOLLOW, LOTS 1 THRU 30 AND BUILDABLE PRESERVATION PARCEL 'A' AND RECORDED AS PLAT No. 13772 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, WAS PREPARED UNDER MY SUPERVISION AND THAT THE VISIBLE IMPROVEMENTS AS SHOWN HEREON WERE LOCATED BY RECOGNIZED SURVEYING PRACTICE, AND UNLESS OTHERWISE INDICATED, NO OTHER VISIBLE EVIDENCE WAS OBSERVED OF APPARENT ENCROACHMENTS ACROSS THE PROPERTY LINES.

SIGNATURE: *[Signature]*
 PRINTED NAME: PAUL W. COON TITLE: PROPERTY LINE SURVEYOR

DATE: 07-28-04
 MD. REG. NO: 562

Job No. 12974-1-0
Scale: 1" = 100'
Wall Check
Date: 07-28-04
Drawn: H.J.M.
Checked: P.L.C.
Final
Date:
Drawn:
Checked:
PHR&A
Phone: 410-997-8900

ENVIRO-CHEM LABORATORIES, INC.



100 Lakefront Drive, Hunt Valley, Maryland 21030

(410) 785-9739

CERTIFICATE OF ANALYSIS

Requester: Catoctin Homes, Inc.
P.O. Box 512
Ellicott City, Maryland 21041

Date of Report: May 12, 2005
Use & Occupancy

COLLECTION INFORMATION

ADDRESS: 17239 Hardy Road, Mt. Airy MD 21171
LOT: 17
WELL TAG NO.: Not Found
COLLECTED BY: A. Amasia #0556AA
DATE & TIME COLLECTED: 05/11/05 @ 1013
WELL CAP: Not Found
TREATMENT DEVICES: Reverse Osmosis Unit

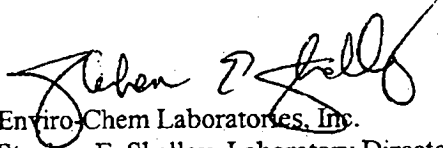
SUBDIVISION: Spring Hollow
PERMIT NO.: B148712
STATION: R.O. Tap
RESIDUAL CHLORINE: <0.1 mg/L

LABORATORY INFORMATION

DATE & TIME RECEIVED: 05/11/05 @ 1105
ENVIRO-CHEM LAB ID: 37027

NITRATE-N (EPA 300.0): <0.2 mg/L as N
Date & Time Started: 05/11/05 @ 1218 Analyst: DMA

PASS


Enviro-Chem Laboratories, Inc.
Stephen E. Shelley, Laboratory Director

Maryland Water Quality Assurance Laboratory No. 192

ENVIRO-CHEM LABORATORIES, INC.



100 Lakefront Drive, Hunt Valley, Maryland 21030

(410) 785-9739

CERTIFICATE OF ANALYSIS

Requester: Catoctin Homes, Inc.
P.O. Box 512
Ellicott City, Maryland 21041

Date of Report: April 21, 2005
Use & Occupancy

COLLECTION INFORMATION

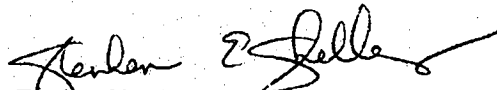
ADDRESS: 17239 Hardy Road, Mt. Airy MD 21171
LOT: 17
WELL TAG NO.: Not Found
COLLECTED BY: S. Shelley #5510SS
DATE & TIME COLLECTED: 04/20/05 @ 1215
WELL CAP: Not Found
TREATMENT DEVICES: None Observed

SUBDIVISION: Spring Hollow
PERMIT NO.: B148712
STATION: Utility Sink
RESIDUAL CHLORINE: <0.1 mg/L

LABORATORY INFORMATION

DATE & TIME RECEIVED: 04/20/05 @ 1415
ENVIRO-CHEM LAB ID: 36453

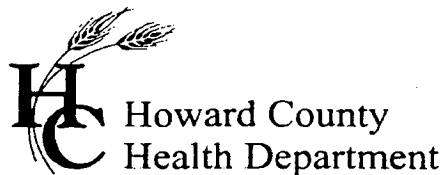
TOTAL COLIFORM (SM9223): Absent		PASS
Date & Time Started: 04/20/05 @ 1515	Analyst: CHK	
NITRATE-N (EPA 300.0): 12.6 mg/L as N		FAIL
Date & Time Started: 04/20/05 @ 1517	Analyst: CHK	
pH (EPA 150.1): 4.9 std units		
Date & Time Started: 04/20/05 @ 1525	Analyst: CHK	
TURBIDITY (EPA 180.1): 0.6 NTU		
Date & Time Started: 04/20/05 @ 1525	Analyst: CHK	
SAND: Not Detected		


Enviro-Chem Laboratories, Inc.
Stephen E. Shelley, Laboratory Director

Based on Coliform bacteriological standards, at the time of sampling, this water was **SAFE** for drinking water purposes

Maryland Water Quality Assurance Laboratory No. 192

www.enviro-chem.net



7178 Columbia Gateway Drive, Columbia MD 21046
(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

May 17, 2005

Catoctin Homes, Inc.
P.O. Box 512
Ellicott City, MD 21041

SENT VIA FACSIMILE 410-772-5805

RE: Spring Hollow, Lot 17
17239 Hardy Road
Mt. Airy, MD 21771
BP # B00148712
Well Permit #: HO-94-2243

Dear Sirs:

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 March 17, 2005. Final approval of the well line was granted on May 16, 2005.

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. **An elective nitrate removal device has been installed because of a previous failing nitrate level of 12.6 ppm sampled on 04/20/05 and a borderline nitrate level of <0.2 ppm sampled on 5/11/05. A nitrate level of 10 ppm or less is required by COMAR 26.04.04.**

Furthermore, it is recommended that you comply with the following conditions:

1. The system must be properly operated and maintained continuously in accordance with the service contract for the life of the residence.
2. It is recommended that a yearly nitrate analysis be performed by a laboratory certified for water testing. (certified to test for nitrates)
3. If you decide to sell or rent your home in the future, you must make any potential buyer/tenant aware of the above condition.

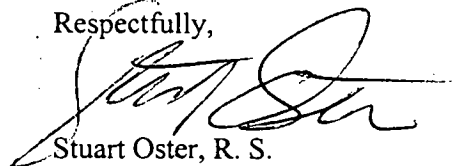
INTERIM CERTIFICATE OF POTABILITY

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-94-2243. 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 may 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: 04/20/2005 & 05/11/2005
Date of Well Completion: 05/19/1999

Respectfully,



Stuart Oster, R. S.
Approving Authority
Well and Septic Program

SO
cc: Building Inspector's Office
File