

LAYOUT 7/15/02 10:30 INSP 4 7/22/02 2:30 8/20/02 1:00 Pump Test
 INSP 2 7/18/02 1:00 INSP 5 7/23/02 2:30-3:00 8/26/02 2 pm Pump Test
 INSP 3 7/19/02 2:00 INSP 6 7/26/02 ASAP

ISSUE DATE: 7-8-2002 **PERMIT** P 517352
 APPROVAL DATE: 8/26/02 A 512754-D

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

05-366399

South Carroll Backhoe IS PERMITTED TO INSTALL ALTER
 ADDRESS: 4410--Salem Bottom Road PHONE NUMBER: 410-875-4197
 SUBDIVISION: Pindel Crossing LOT NUMBER: 4
 ADDRESS: 7550 Pindel School Road PROPERTY OWNER: NVR 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: 210
 LINEAR FEET OF TRENCH REQUIRED: 280 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 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:	Place the distribution box approximately 10' from the highest corner easement stake and approximately 10' downhill of the highest corner easement stake as shown on the building permit plan. Run trenches on contour in both directions.
NOTES:	Trenches should be 10' center to center.

PLANS APPROVED: Brian Baker OK SRK 7/8/02 DATE: 6/26/2002

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

BUILDING PERMIT SIGNED ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

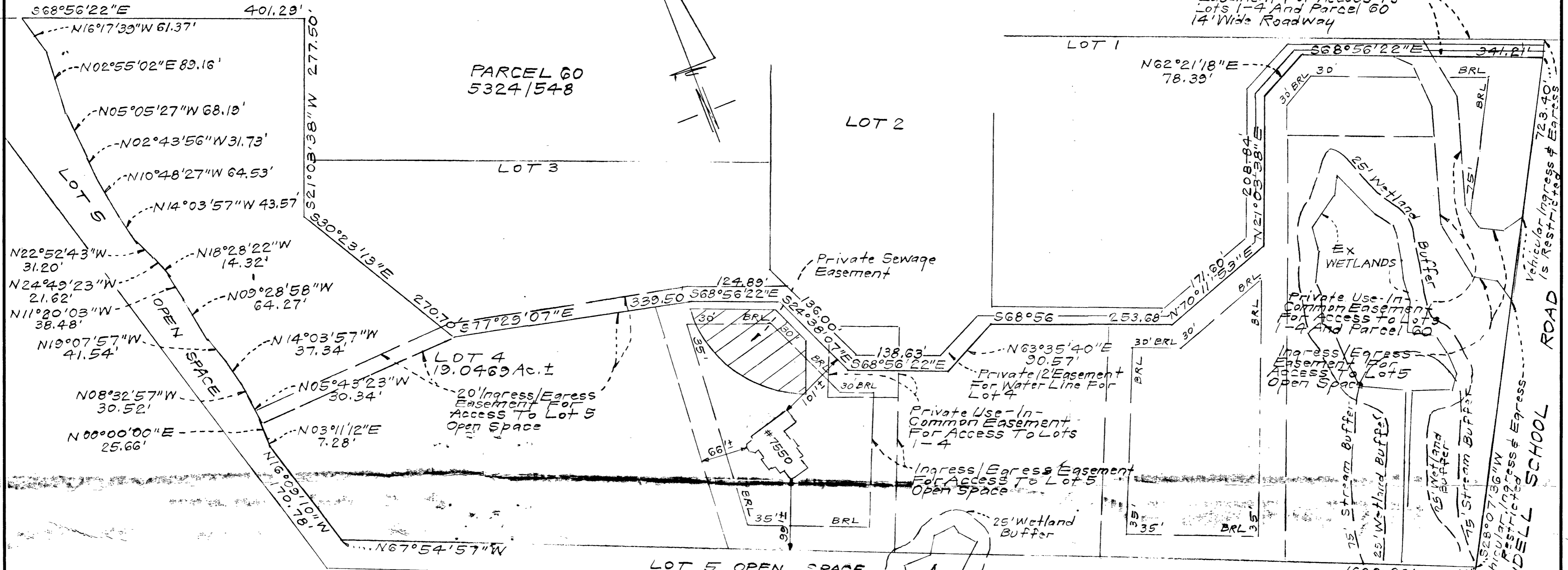
AND RETURNED 6-25-02
BOD 137087 - PROPANE TANK
B-8-02. BOD 137114 - DIESEL

AS 12754-D

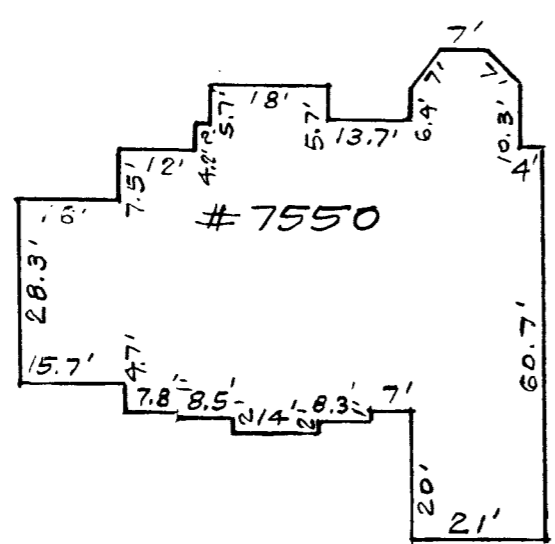
NOTE: This lot appears to lie in an area classified as Zone-C as shown on Flood Insurance Rate Map for Howard County, Maryland Community-Panel Number 2400440038 B Panel 38 of 45, dated December 4, 1986.

NOTE:
The +/- setback distance accuracy = 1'

Wall Check: 4-26-02
F.F. Elev.: 466.2



LOT 5 OPEN SPACE
7/8/02 - Wall Check OKSRW



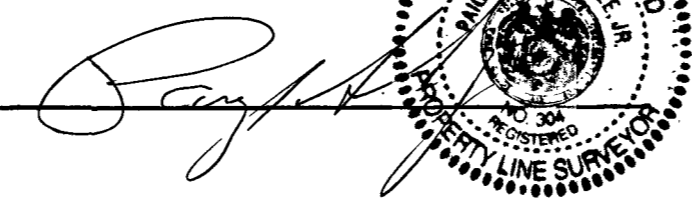
SCALE: 1"=30'

CONSUMER INFORMATION

1. This plat is of benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing purposes;
2. This plat is not to be relied upon for the establishment or location of fences, garages, buildings or other existing or future structures;
3. 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 for securing financing or refinancing.

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey of this property has been made under my supervision for the purpose of locating the improvements shown hereon, and that they are located as shown.

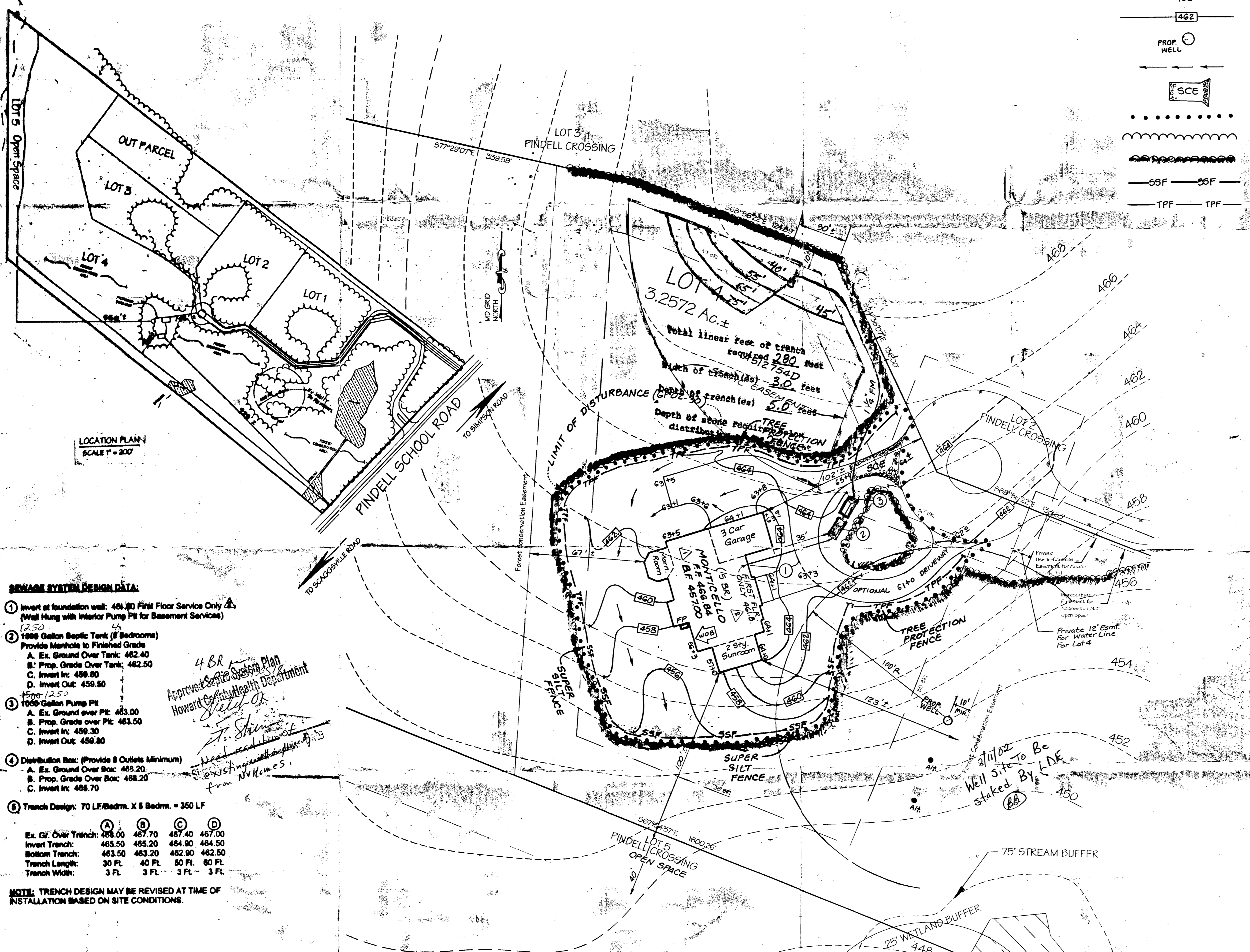
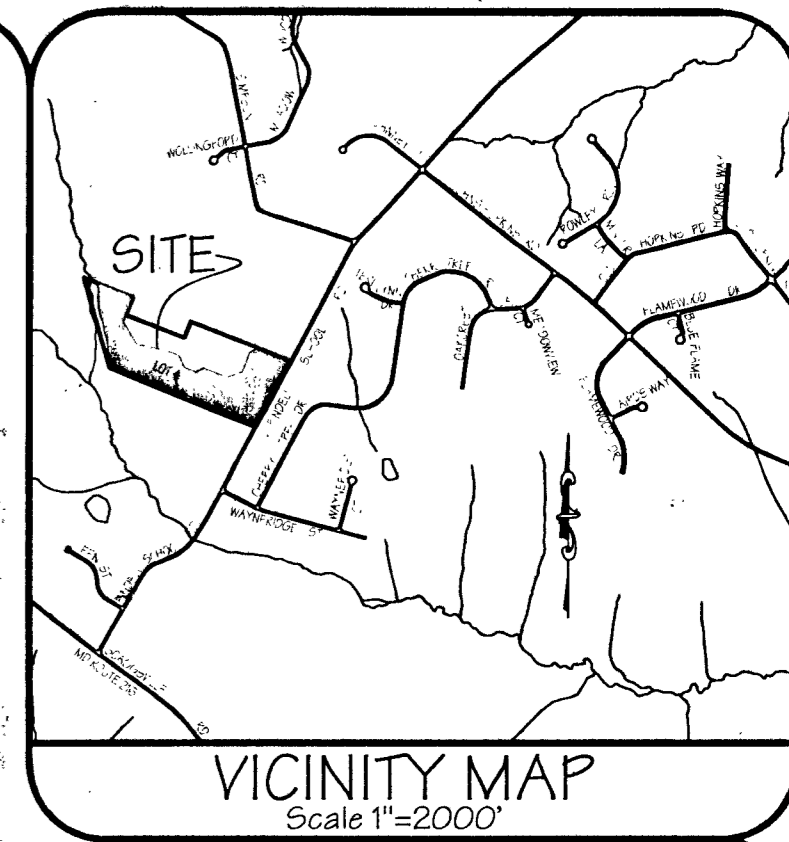


6-4-02
DATE

CLARK FINEFROCK & SACKETT, INC. ENGINEERS PLANNERS SURVEYORS		
7135 MINSTREL WAY COLUMBIA, MD 21045 (410) 381-7500 BALT. (301) 621-8100 WASH.		
REF. PLAT NO.	LOCATION DRAWING	SCALE
	LOT 4	1"=100'
DRAWN	7550 PINDELL SCHOOL ROAD	DRAWING
KWC	PINDELL CROSSING	1 of 1
CHECKED	LOTS 1-5	JOB NO.
P.A.S.	FIFTH ELECTION DISTRICT	02-026
DATE	HOWARD COUNTY, MARYLAND	FILE NO.
6-4-02		02-026 L

LEGEND:

- 462 --- EXISTING GROUND
- 462 --- PROPOSED GRADE
- PROP. WELL
- DRAINAGE FLOW
- SCE STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF DISTURBANCE (6P02-30)
- ~ EXISTING TREES TO BE REMOVED
- ~ EXISTING TREES TO BE SAVED
- SSF --- SUPER SILT FENCE
- TPF --- TREE PROTECTION FENCE



LOCATION PLAN SCALE 1" = 200'

SEWAGE SYSTEM DESIGN DATA:

- 1 Invert at foundation wall: 464.80 First Floor Service Only (Wall Hung with Interior Pump Pit for Basement Services)
- 2 1500 Gallon Biotic Tank (8 Bedrooms) Provide Manhole to Finished Grade
 - A. Ex. Ground Over Tank: 462.40
 - B. Prop. Grade Over Tank: 462.50
 - C. Invert In: 459.80
 - D. Invert Out: 459.50
- 3 1500 Gallon Pump Pit
 - A. Ex. Ground over Pit: 463.00
 - B. Prop. Grade over Pit: 463.50
 - C. Invert In: 459.30
 - D. Invert Out: 459.80
- 4 Distribution Box: (Provide 8 Outlets Minimum)
 - A. Ex. Ground Over Box: 469.20
 - B. Prop. Grade Over Box: 468.20
 - C. Invert In: 465.70
- 5 Trench Design: 70 LF/bedm. X 6 Bedm. = 350 LF

	A	B	C	D
Ex. Gr. Over Trench:	469.00	467.70	467.40	467.00
Invert Trench:	465.50	465.20	464.90	464.50
Bottom Trench:	463.50	463.20	462.90	462.50
Trench Length:	30 FL	40 FL	50 FL	60 FL
Trench Width:	3 FL	3 FL	3 FL	3 FL

4 BR Approved Septic System Plan
 Howard County Health Department
 J. Sp...
 Need resolution of existing manhole from NV Homes.

NOTE: TRENCH DESIGN MAY BE REVISED AT TIME OF INSTALLATION BASED ON SITE CONDITIONS.

NOTES:

1. EXISTING ZONING: RR (RURAL RESIDENTIAL)
2. PLAT REFERENCE: 15100
3. LIMIT OF DISTURBANCE: 36,700 SQ. FT.
4. THE PROPOSED DRIVEWAY FOR THIS LOT SHALL BE A MINIMUM OF 10 FEET WIDE, 6" CRUSHER RUN WITH 2 1/2" MACADAM SURFACE.
5. THE TOPOGRAPHY SHOWN IS TAKEN FROM THE HOWARD COUNTY AERIAL TOPOGRAPHY.
6. SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
7. GRADING PERMIT FOR THIS LOT WAS ISSUED UNDER GP02-30.
8. THE PROPOSED SEPTIC SYSTEM FOR THIS LOT REQUIRES A PUMP. THE SYSTEM AS SHOWN REQUIRES AN INTERIOR PUMP PIT FOR BASEMENT SERVICE.
9. PUMP CHAMBER TO BE A MINIMUM 1000 GALLON TOP SEALED PUMP PIT WITH SINGLE EFFLUENT PUMP. PUMP SHALL BE EQUIPPED WITH AUDIBLE AND VISUAL ALARM SYSTEM FOR HIGH WATER AND PUMP MALFUNCTION. ALARM SYSTEM SHALL BE INSTALLED ON A SEPARATE ELECTRICAL CIRCUIT. INSTALL CHECK VALVES AS REQUIRED.
10. PROVIDE MANHOLE CLEANOUT TO FINISHED GRADE AT PROPOSED SEPTIC TANK AND THE PUMP CHAMBER.
11. DETAILS AND SPECIFICATIONS OF THE PROPOSED PUMP WITHIN THE PUMP PIT TO BE SUPPLIED BY THE CONTRACTOR FOR REVIEW AND APPROVAL BY THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO ISSUANCE OF A SEPTIC PERMIT.

ENGINEER'S CERTIFICATE

I HEREBY 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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A SEPARATE OF ATTENDANCE AT A RECOGNITION OF THE PROGRAM APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEHINDING THE PROJECT. I ALSO AUTHORIZE PERMITS, INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR APPROVED AGENTS AS ARE DEEMED NECESSARY.

SIGNATURE OF DEVELOPER DATE

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

NATURAL RESOURCE OBSERVATION SERVICE DATE

SIGNATURE OF DISTRICT ENGINEER DATE

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

SIGNATURE OF DISTRICT ENGINEER DATE

NO.	DATE	DESCRIPTION
1	7/5/04	Relocate Well Site w/ Alternate Sites
2	1/25/02	Raise Inv. of Sewer @ Wall / Health Dept.
3	1/18/02	Relocate Foundation Location

REVISIONS



LDE Inc.
 Engineers, Surveyors, Planners
 9250 Ramsey Road, Suite 100, Columbia, Maryland - 21045
 (410) 715-1070 • (301) 596-3424 • FAX (410) 715-9540

DESIGNED BDB	PROJECT PINDELL CROSSING LOT 4	SCALE 1" = 30'
DRAWN JLM		DRAWING 1 OF 1
CHECKED BDB	PROJECT NO. FAX MAP 41 GRID 13 & 14 PARCEL 201 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 01-031
DATE 8/2001	BY: DEF NV HOMES 2200 DEFENSE HIGHWAY SUITE 301 CROFTON, MD 21114 (301) 858-0522 (410) 721-4703	FILE NO.

Page 1 of 1
 Date 4-15-02

Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3347
 Location of property (road) Pindell School Road
 Subdivision Setterholm Property Lot 4 Block _____ Plat _____ Sec. _____
 Well Driller G. Edgar Harr Owner Pindell Woods LLC

Depth of well 300'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 22'

I. High rate pumping -- reservoir drawdown
 Time pump started 0700 Pumping rate 15.0
 Total time 1 hr to reach pumping water level _____ 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
0700	22'	20 Sec		15.0 gpm
0715	120	28		10.71
0730	199	37		8.10
0745	227	42		7.14
0800	230	44		6.81
0815	232	45		6.66
0830	232	45		6.66
0845	232	45		6.66
0900	232	45		6.66
0915	232	45		6.66
0930	232	45		6.66
0945	232	45		6.66
1000	232	45		6.66
1015	232	45		6.66
1030	232	45		6.66
1045	232	45		6.66
1100	232	45		6.66

HD-224

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3347
 Location of property (road) Pindell School Road
 Subdivision Setterholm Property Lot 4 Block _____ Plat _____ Sec _____
 Well drilled by G. Edgar Hark Owner Pindell Woods LLC

Depth of well 300'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 22'

I. High rate pumping -- reservoir drawdown

Time pump started 0700 Pumping rate 15.0
 Total time 1 hr to reach pumping water level _____ ft. below M.P.

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

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0700	22'	20 Sec.		15.0 gpm
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0845	232	45		6.66
0900	232	45		6.66
0915	232	45		6.66
0930	232	45		6.66
0945	232	45		6.66
1000	232	45		6.66
1015	232	45		6.66
1030	232	45		6.66
1045	232	45		6.66
1100	232	45		6.66

HD-224

4-14-02
dr. J.L.

WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY
PLEASE TYPE

COUNTY NUMBER **(13)** AS12754

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

ST/CO USE ONLY
DATE RECEIVED
MM 00 YY
8 13

DATE WELL COMPLETED

MM 04 15 2002
19 20

Depth of Well

2 300 25
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO-94-3347

OWNER Pindell Woods LLC
STREET OR RFD Pindell School Road TOWN Fulton
SUBDIVISION Setterholm Property SECTION _____ LOT A

WELL LOG

No. required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Overburden	0	45	
Gray Rock	45	300	X
water at 65'			

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box) **(Y) (N)**
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT **(CM)** BENTONITE CLAY **(BC)**
NO. OF BAGS 20 NO. OF POUNDS 2000
GALLONS OF WATER 120
DEPTH OF GROUT SEAL (to nearest foot)
from 0 TOP ft. to 30 BOTTOM ft.
(enter 0 if from surface)

CASING RECORD

casing types
insert
appropriate
code
below
(ST) **(CO)**
STEEL CONCRETE
(PL) **(OT)**
PLASTIC OTHER
MAIN CASING TYPE PL Nominal diameter (nearest inch) 6 Total depth of main casing (nearest foot) 50

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
below
(ST) **(BR)** **(HO)**
STEEL BRASS OPEN
(PL) **(OT)**
PLASTIC OTHER

PUMPING TEST

HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min.) 6.6
METHOD USED TO MEASURE PUMPING RATE Submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING 22 ft.
WHEN PUMPING 232 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 _____
PLACE (A.C.W.P.R.S.T.O.) IN BOX 25
CAPACITY:
GALLONS PER MINUTE (to nearest gallon) 31 35
PUMP HORSE POWER _____
PUMP COLUMN LENGTH (nearest ft.) 37 41
CASING HEIGHT (circle appropriate box and enter casing height)
(+) above 43
(-) below _____ (nearest foot)
LAND SURFACE _____ (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS
BUILDING, SEPTIC TANKS, AND /OR
LANDMARKS AND INDICATE NOT LESS
THAN TWO DISTANCES
(MEASUREMENTS TO WELL)

"Well was drilled on site
shown on plan as staked
by the surveyor."

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.

DRILLER'S LIC. NO. MW039
DRILLER'S SIGNATURE
MUST MATCH SIGNATURE ON APPLICATION;
LIC. NO. JS0949
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED AND WAS FLOWING WELL. INSERT F IN BOX 68
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) W Q
TELESCOPE CASING LOG INDICATOR OTHER DATA

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: Robert L. Feezer Co. Inc Telephone #: 410-781-4655
Address: 6301 Barnes H Ave
Sykesville, MD

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Robert L. Feezer License# 2122

*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: NV Homes Telephone #: 410-721-9703
Subdivision: Linda H Crosslys Lot #: 4 Well Tag #: HO-94-3347
Site Address: 2550 Pennell School Rd
Fulton, MD 20759

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Sta-Rite Make: Campbell Two piece watertight cap:
Model #: 704 D2NCL Model #: PT 800 Screened, vented well cap:
Pump Capacity: 7 GPM Depth: 42" (36" min) Cap secured to casing:
Well Yield: 7.5 GPM NSF approved: Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: 300 (feet) Conduit secured to well cap:

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt

Piping to house House Connection
Type: Poly PVC sleeved to undisturbed soil at wall penetration:
PSI: 200 (160 psi min) Approximate length of sleeve: 5'
Depth of supply line: 42 (36" min) Sleeve caulked and sealed properly:

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

Robert L. Feezer 7/29/02
Signature of company representative responsible for installation date

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

Date Insp. Requested: 6/21/02 8/26/02 Date Insp. Approved: (50)
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 ropes 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

WELL RE-GROUTED
8/26/02 (50)

THIS JOB WAS INSPECTED 6/17/02

**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: Robert L. Freezer Co. Inc. Telephone #: 410-781-4055
Address: 6321 BARNHART AVE
SYKESVILLE, MD

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

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

Name (Print): Robert L. Freezer License# 2122

*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: NV HOMES Telephone #: 410-721-4703
Subdivision: PINDELL CROSSING Lot #: 4 Well Tag #: HO-94-3347
Site Address: 7550 PINDELL SCHOOL ROAD

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: _____	Make: _____	Two piece watertight cap: _____
Model #: _____	Model#: _____	Screened, vented well cap: _____
Pump Capacity _____ GPM	Depth: _____ (36" min)	Cap secured to casing: _____
Well Yield: _____ GPM	NSF approved: _____	Conduit min 18" B.G.: _____
Depth of well encountered at time of pump installation: _____ (feet)		Conduit secured to well cap: _____

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt _____

Piping to house

Type: _____
PSI: _____ (160 psi min)
Depth of supply line: _____ (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: _____
Approximate length of sleeve: _____
Sleeve caulked and sealed properly: _____

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

Signature of company representative responsible for installation _____ date _____

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

Date Insp. Requested: 6/21/02 Date Insp. Approved: 6/21/02 MR

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 ~~NO!~~

6/26/02 Well re-grouted (50)

BLDR NOTIFIED TO CALL
DRILLER TO RE-GROUT

Howard County Health Department

To: File

Existing well should be certified by licensed well driller if well completion report can't be found.

LDE checking on tag # ^{NO TAG!}

4/26/00
Told Bruce since we can't locate completion

As report - well const. (grout & yield) should be cert. by lic. driller prior record plat. *

From: _____

Date: _____

4/26/01

HD-170

OVER →

4-19-02

New well drilled.

Future owner desires to keep existing
well I.O.K.'d based on attached

letter dated 4-19-02. J. Shinn



April 19, 2002

Mr. Frank Skinner
Howard County Health Department

Re: Lot #4, Pindell Crossing
7550 Pindell School Road
Building Permit #B00133518

Dear Mr. Skinner:

The old well on Lot #4, Pindell Crossing is going to be saved for use as an irrigation well. This well will have a pump installed and preventative measures taken to prevent cross contamination between this well and the newly drilled well. It is the understanding of NVHomes that the above measures will be completed prior to the final building inspection.

Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Karen L. Thompson".

Karen L. Thompson
Sales & Settlement Administrator

2200 Defense Highway • Suite 301 • Crofton, MD 21114 • (301) 858-0522 • FAX (301) 858-0523

We are committed to the letter and spirit of U.S. policy for the achievement of equal housing opportunity throughout the nation. We encourage and support an affirmative advertising and marketing program in which there are no barriers to obtaining housing because of race, color, religion, sex, handicap, familial status or national origin.

C1 14407 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 13 AS12754

1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED MM DO YY 04 15 2002

DATE WELL COMPLETED 04 15 2002 Depth of Well 22 300 (TO NEAREST FOOT)

4/22/02 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3347

OWNER Pindell Woods LLC STREET OR RFD Pindell School Road TOWN Fulton SUBDIVISION Setterholm Property SECTION LOT 4

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. Includes entry for Overburden Gray Rock and water at 65'.

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

Diagram of casing types (ST, CO, PL, OT) and MAIN CASING TYPE (PL) with diameters and depths.

OTHER CASING (if used) diameter and depth.

SCREEN RECORD

Diagram of screen types (ST, BR, PL, HO, OT) and screen details.

NUMBER OF UNSUCCESSFUL WELLS 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER A, E, P for well status.

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

DRILLERS LIC. NO. MWD399 DRILLERS SIGNATURE (Thomae McElthy)

LIC. NO. 1 JS0949 SITE SUPERVISOR (Thomae McElthy)

C2 DEPTH (nearest ft.)

Table with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Includes handwritten entries for HO, SU, 300.

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

C3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 6.6 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 22 ft. WHEN PUMPING 232 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES/NO) 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 (nearest foot) - below

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

*Well was drilled on site shown on plan as staked by the surveyor.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3347
 Location of property (road) Pindell School Road
 Subdivision Setterholm Property Lot 4 Block _____ Plat _____ Sec. _____
 Well Driller G. Edgar Harr Owner Pindell Woods LLC

Depth of well 300'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 22'

I. High rate pumping -- reservoir drawdown

Time pump started 0700 Pumping rate 15.0
 Total time 1 hr to reach pumping water level _____ 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
0700	22'	20 sec		15.0 gpm
0715	120	28		10.71
0730	199	37		8.10
0745	227	42		7.14
0800	230	44		6.81
0815	232	45		6.66
0830	232	45		6.66
0845	232	45		6.66
0900	232	45		6.66
0915	232	45		6.66
0930	232	45		6.66
0945	232	45		6.66
1000	232	45		6.66
1015	232	45		6.66
1030	232	45		6.66
1045	232	45		6.66
1100	232	45		6.66

B 1	5746	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL	STATE PERMIT NUMBER Ho -94 -3347
1 2 3	6		W516439 please print or type	70 fill in this form completely 79

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13
Pindell Woods LLC

15 Last Name Owner First Name 34

8835 P Columbia 100 PKWY

36 Street or RFD 55

Columbia MD 21045

57 Town 70 State 72 Zip 76

B 3 **LOCATION OF WELL**

8 COUNTY Howard

21

23 SUBDIVISION Setterholm Property

42

SECTION 44 46 LOT 4

48 50

Fulton

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 M I

73 76 77 78

DRILLER INFORMATION

Paul M. Fabiszak M W D 3 9 9

76 Driller's Name 81 License No.

G. Edgar Harr Sons' Corp

Firm Name

12047 Falls Rd. Cockeysville 21030

Address

Paul M. Fabiszak 11/9/01

Signature Date

B 4 **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

11 Pindell School Rd

30 NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 1000 37

74 DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: 41 BLK: 14 PARCEL 201

B 2 **WELL INFORMATION**

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

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22 INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 A512754

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S →

DATE ISSUED 3/11/2002 Brian Baker 3/11/2003

43 MM DD YY 48 CO SIGNATURE EXP DATE

NORTH GRID, 485 000 EAST GRID 821 000

50 55 57 63

APPROXIMATE DEPTH OF WELL 200 FEET

24 28

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.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 821

N 4805

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVERSE-ROTARY Drive-POINT

other

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

39 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) 41 52

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

APPROP. PERMIT NUMBER

PERMIT No HO-94-3347

70 71 72 73 74 75 76 77 78 79

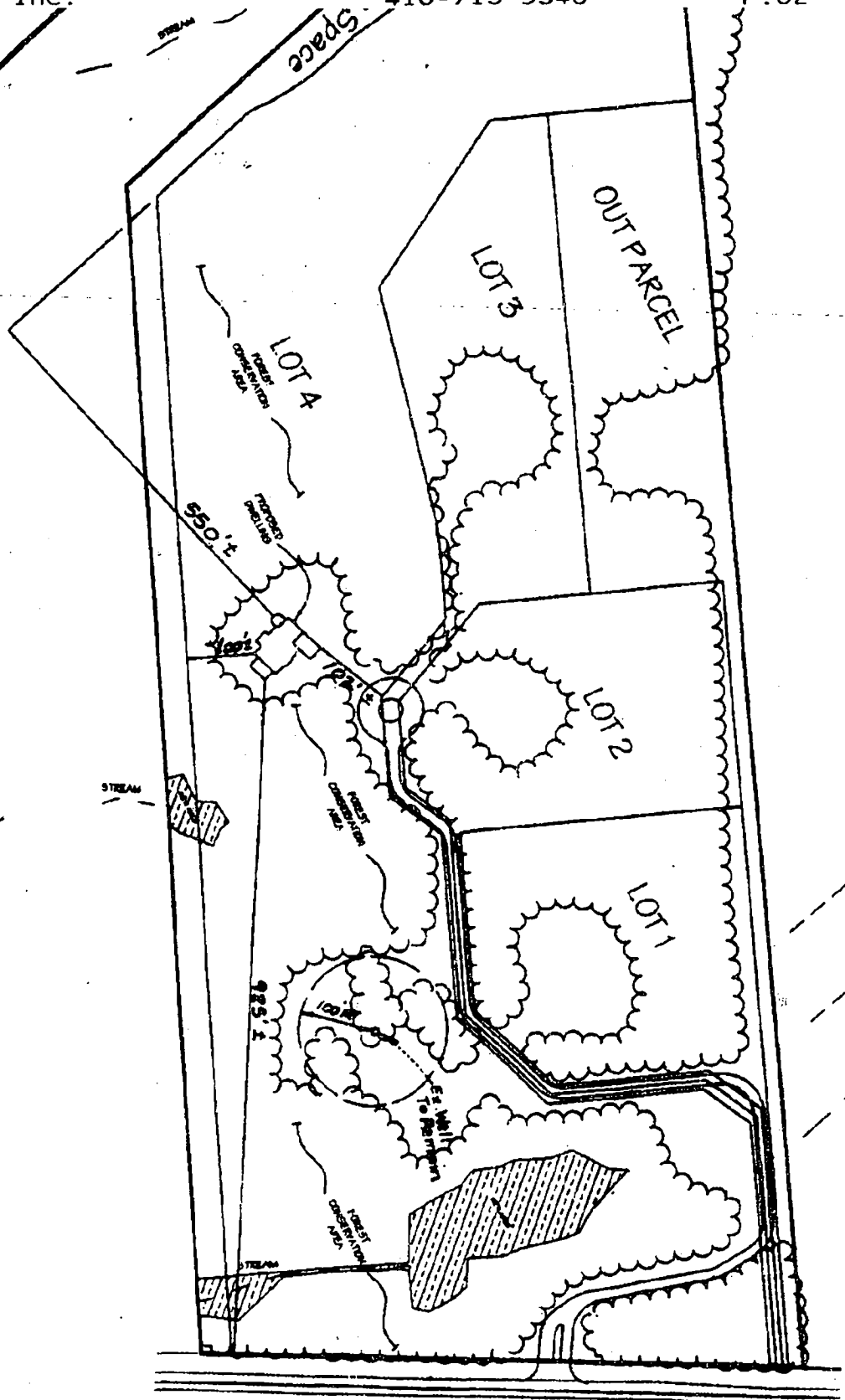
SPECIAL CONDITIONS No Information on Existing Well - To Be Used for Non-Potable Supply if not Sealed

NOTE - APPROVING AUTHORITY SHOULD USE SEPARATE SHEET IF NEEDED

LOCATION PLAN
SCALE 1" = 200'

DATA:

(0 First Floor Service Only
for Basement Services)



PINDELL SCHOOL ROAD

TO SCAGGSVILLE ROAD

TO SIMPSON ROAD

APPLICATION

PERCOLATION TESTING

A 512754

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 Brantly Development Group, Inc.

8835P Columbia 100 Parkway
ADDRESS Columbia, MD 21045 PHONE 410-730-0810

AGENT OR PROSPECTIVE BUYER Heritage Land Development

3060 Washington Road (Rt. 97), Suite 220
ADDRESS Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

SUBDIVISION Pindell School LOT NO. 2

ROAD AND DESCRIPTION Pindell School Road

TAX MAP 41 PARCEL # 201

SIZE OF LOT 1 acre TYPE BLDG. SFD
(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

COUNTY #

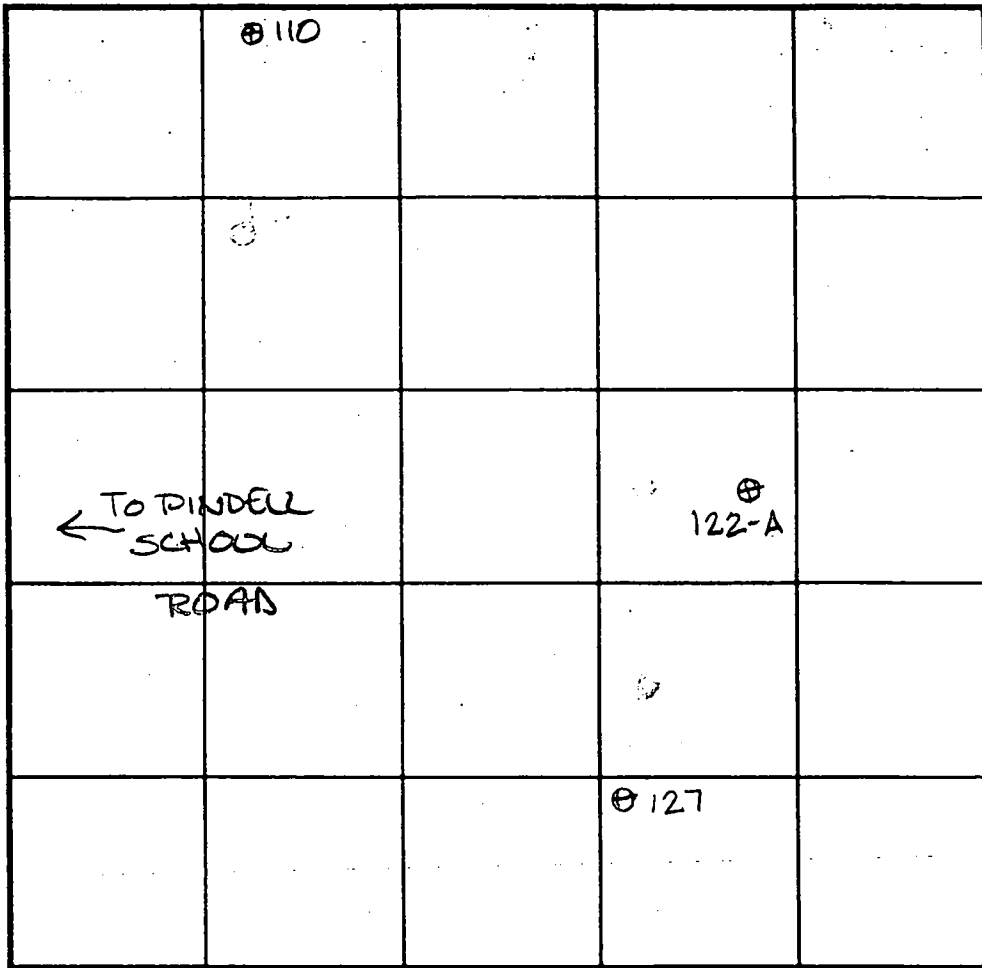
SOIL PROFILE

0'

Empty vertical box for soil profile notes.

Empty vertical box for soil profile notes.

Empty vertical box for soil profile notes.



SOIL PROFILE

0'

Empty vertical box for soil profile notes.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
3-24-00	110	Water coming in @	9.0'				F
	122-A	Dry @	13.0				
		4.0 13.0	1:49	1:54	1:54	2:01	7min
	127	Water @	9.5				F

REMARKS 2000 wxt season required additional 30' buffer
 TYPE OF SOIL to the table due to drought conditions
 TESTED BY Amy McMillen ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY.#

SOIL PROFILE

99 98

pink
SiCLM

dark
pink
SaLM

10%
decayed
rock
Some
Yellow
banding

97

dark
red
SiCLM

dark
pink
SiSaLM

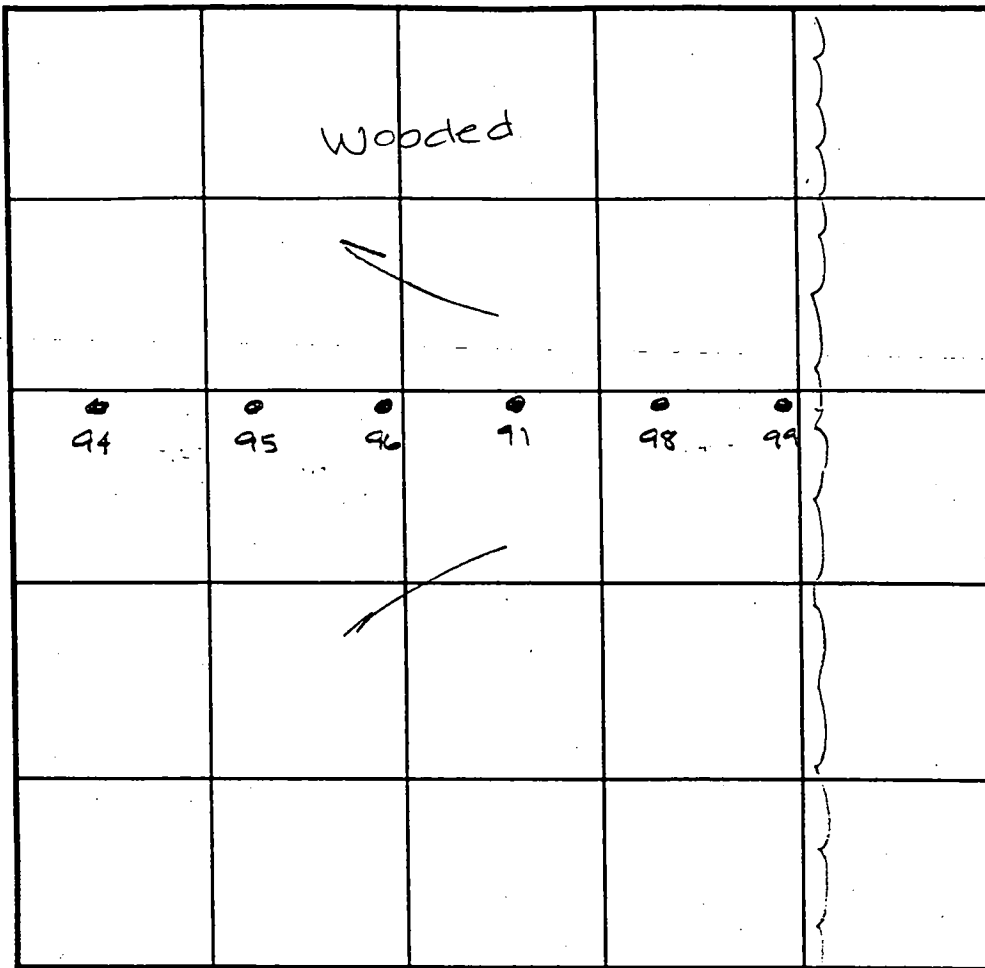
dark
pink
SiSaLM
30%
Rx

96

dark
red
SiCLM

dark
red
SaLM

yellow
brown
SiSaLM
mg
deposits
mica
10%
Rx



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

95

dark
red
SiCLM

dark
red
SaLM

10%
Rx w/
mg
deposits
yellow
banding
from
rock

94

dark red
SiCLM

dark red
SaLM



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12.7.99	98	4.0 V12.0	10:12	10:13	10:13	10:15	2min
	99	Visual	to 12.5	-see profile			OK
	97	Visual	to 12.0	-see profile			OK
	96	3.5 V12.0	10:20	10:30	10:30	10:51	21min
	95	Visual	to 12.0	-see profile			OK
	94	4.0 V12.5	10:28	10:36	10:36	10:45	9min

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 _____

COUNTY #

SOIL PROFILE

100 112

bright red
silm

bright red
salm
micaceous
10%
shale

red
salm
30%
shale

113 121

heavy
orange
red
silm

orange
brown
micaceous
salm
20%
saprotic

122

orange
brown
silm
10%
shale

lgt
orange
red
salm
mica
shale
15%

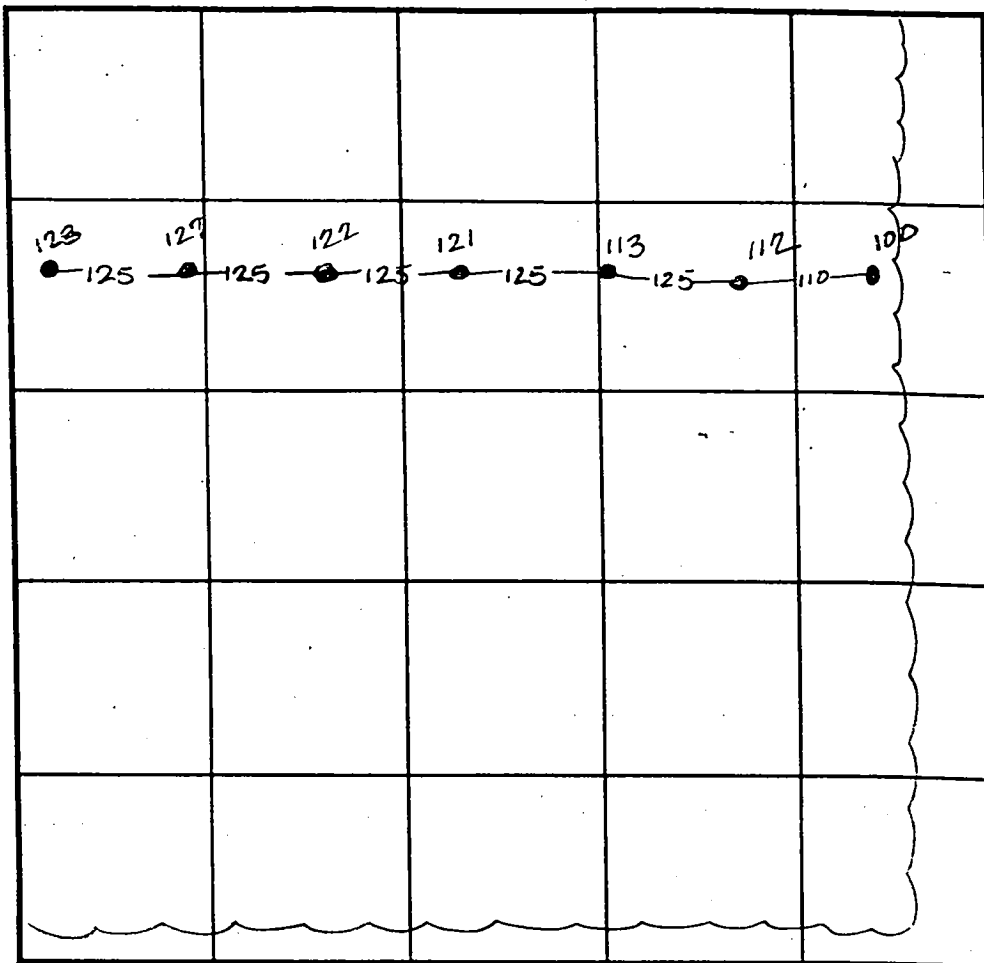
SOIL PROFILE

127 128

orange
brown
silm

dark
red
silm
20%
shale

lgt
yellow
silm
grey
mottles
mica



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-1-99	100	5.5 V12.5	11:28	No mvmt @	12:00		slow
		6.0 V12.5	12:29	12:31	12:31	12:35	4min
	113	4.0 V13.0	11:36	No mvmt @	12:01		slow
		6.5 V13.0	12:46	12:49	12:49	12:51	3min
	122	5.0 V13.0	12:00	No mvmt @	12:20	deep clay	
		7.0 V13.0	12:53	No mvmt @	1:07	F	
	128	4.0 V12.0	12:11	No mvmt @	12:40		slow
	127	Visual	OK - need to test				hold
	121	Visual	OK	see profile			OK
	112	Visual	OK	see profile			OK

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillan ALSO PRESENT Bruce Burton

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 512754

P _____

HOWARD COUNTY HEALTH DEPARTMENT

DISTRICT _____

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

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 Brantly Development Group, Inc.
8835P Columbia 100 Parkway
ADDRESS Columbia, MD 21045 PHONE 410-730-0810

AGENT OR PROSPECTIVE BUYER Heritage Land Development
3060 Washington Road (Rt. 97), Suite 220
ADDRESS Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

SUBDIVISION Pindell School LOT NO. 5

ROAD AND DESCRIPTION Pindell School Road

TAX MAP 41 PARCEL # 201

SIZE OF LOT 1 acre TYPE BLDG. SFD
(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

COUNTY #

SOIL PROFILE

93

0' dark red SiClm

3.0 dark red SiSalm

⊙ appx 8.0' mottling yellow, white & black possible H₂O

86

orange brown SiClm

4.0 mottled SiLm white & black dull green color

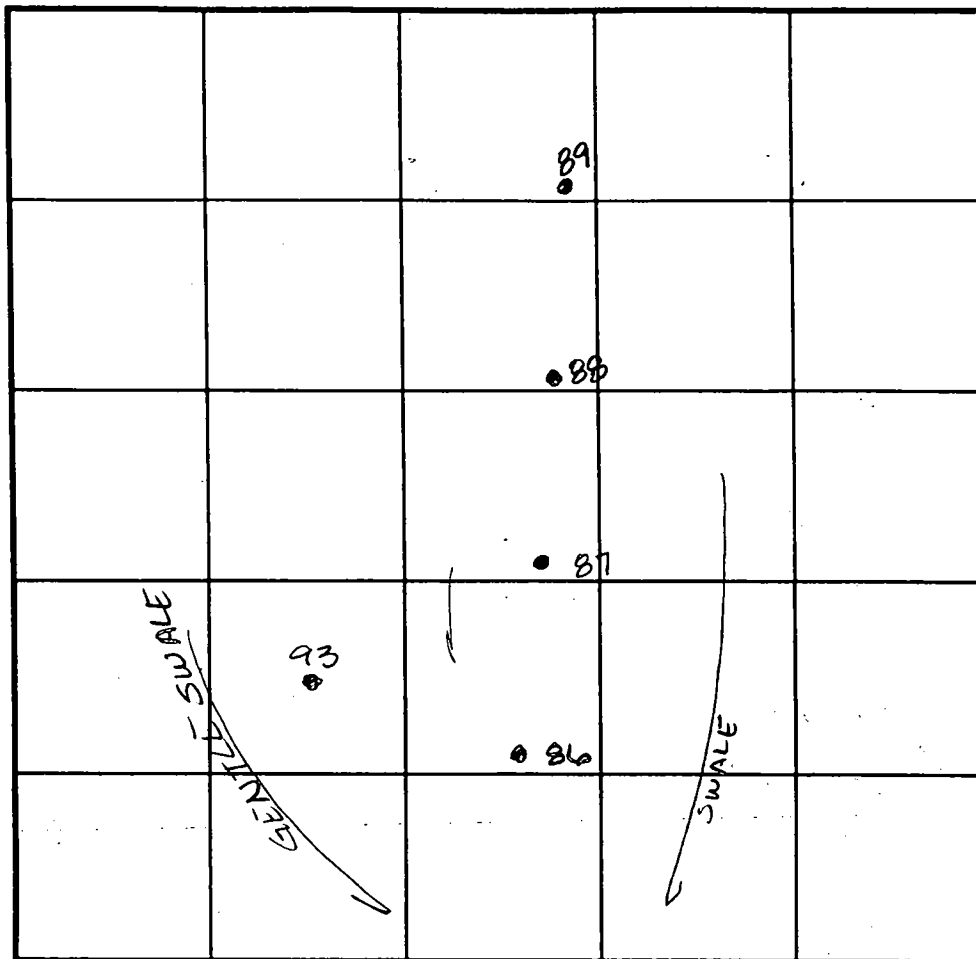
8.0 caving water

87 88

3.0 dark red SiClm

dark red Salm

10.0 dull greyish green SiLm mottled



SOIL PROFILE

89

0' dark red SiClm

4.0 dark orange brown SiLm

mica some yellow coloring

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12.7.99	93	Visual	to 12.0 - see profile		11:00		HOLD	
	86	Insufficient depth to H ₂ O - see profile						F
	87	Visual	to 12.0 - see profile				HOLD	
	88	5.5' 12.5'	11:37	11:48	11:48		SLOW	
		Retest perc in spring See profile - hold for wet						HOLD
	89	Visual	to 12.0 - see profile				HOLD	

REMARKS HOLD FOR WET SEASON - 93 87

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 _____

COUNTY #

SOIL PROFILE

0' 99 98

pink
SiCLM

4.0

dark
pink
Salm

100%
decayed
rock
some
yellow
banding

12.0

97

dark
red
SiCLM

3.0

dark
pink
SiSalm

8.0

dark
pink
SiSalm
30%
Rx

12.0

96

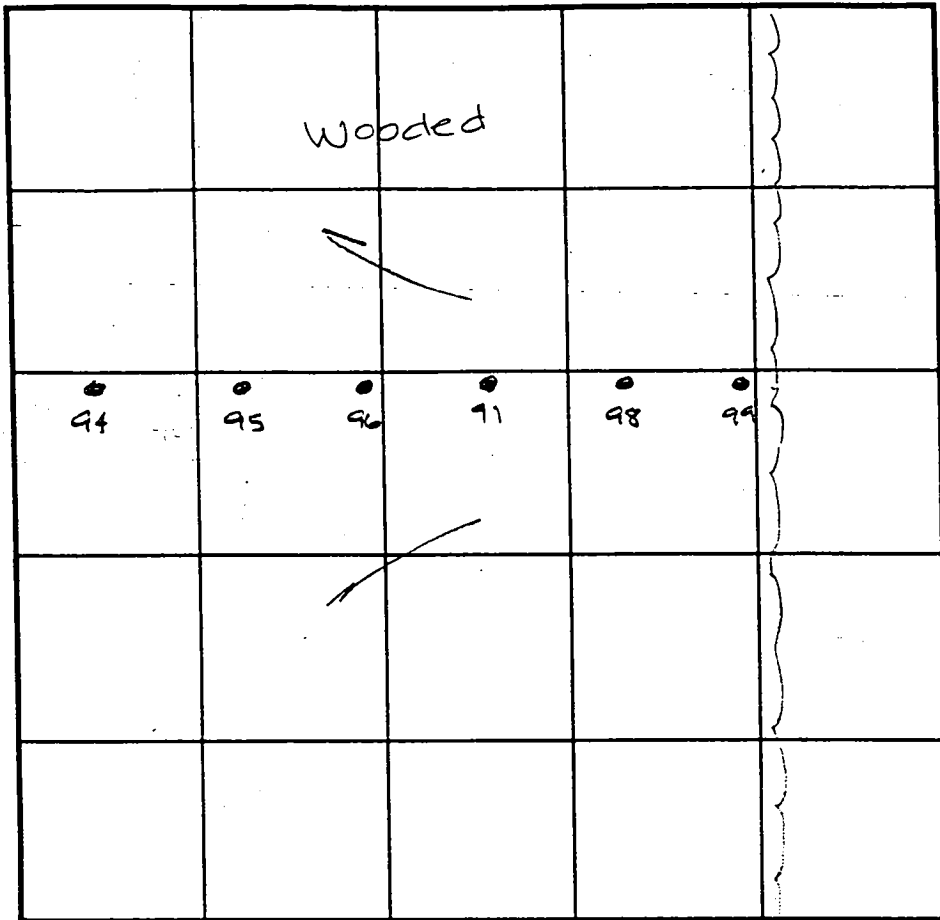
dark
red
SiCLM

3.0

dark
red
Salm

8.0

yellow
brown
SiSalm
mg
deposits
mica
100%
Rx



SOIL PROFILE

0' 95

dark
red
SiCLM

3.0

dark
red
Salm

100%
Rx w/
mg
deposits

yellow
banding
from
rock

12.0

94

dark red
SiCLM

3.0

dark red
Salm

12.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12.7.99	98	4.0 V12.0	10:12	10:13	10:13	10:15	2min
	99	Visual	to 12.5	- see profile			OK
	97	Visual	to 12.0	- see profile			OK
	96	3.5 V12.0	10:20	10:30	10:30	10:51	21min
	95	Visual	to 12.0	- see profile			OK
	94	4.0 V12.5	10:28	10:36	10:36	10:45	9min

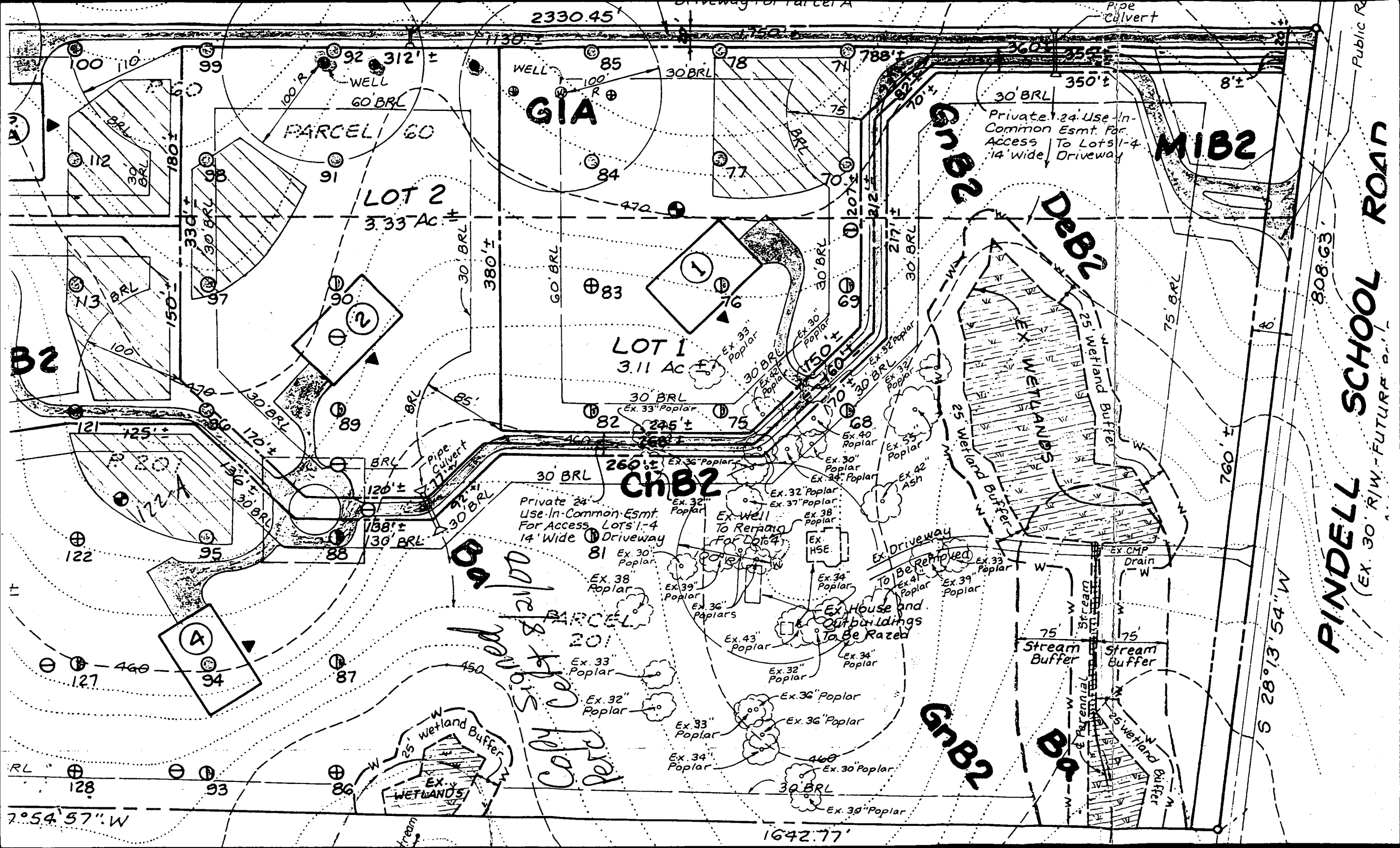
REMARKS _____

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 _____



2330.45'

WELL
GIA

PARCEL 60

LOT 2
3.33 Ac. ±

LOT 1
3.11 Ac. ±

ChB2

Private 24'
Use-In-Common-Esmt.
For Access Lots 1-4
14' Wide Driveway

Private 24'
Use-In-Common-Esmt.
For Access To Lots 1-4
14' Wide Driveway

MIB2

29B2

DeB2

EX WETLANDS

PINDELL SCHOOL ROAD
(EX. 30' R/W - FUTURE P.L.)

S 28°13'54" W

1642.77'

7°54'57" W

Handwritten: old drive & 2100
copy per

Private 24'
Use-In-Common-Esmt.
For Access Lots 1-4
14' Wide Driveway

Ex Well
To Remain
For Lot 4

Ex Driveway
To Be Replaced

Ex House and
Outbuildings
To Be Razed

Stream Buffer

Stream Buffer

WETLANDS

25' Wetland Buffer

Stream

Stream

EX CMP Drain

EX CMP Drain

EX HSE

EX HSE

81 Ex 30" Poplar

EX 38 Poplar

EX 39 Poplar

EX 32 Poplar

EX 33 Poplar

EX 32 Poplar

EX 34 Poplar

EX 33 Poplar

EX 36 Poplar

82 Ex 33" Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

83

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

84

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

85

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

86

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

87

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

88

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

89

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

90

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

91

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

92

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

93

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

94

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

95

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

96

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

97

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

98

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

99

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

EX 32 Poplar

100

EX 32 Poplar

EX 32 Poplar

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EX 32 Poplar

EX 32 Poplar

CONVENTIONAL TRENCH SEPTIC SPECIFICATIONS WORKSHEET

PROPERTY ID: Setterholm Prop TAX MAP: 41 A 512754D
STREET NAME: Pindell School Rd PARCEL #: 201 LOT NUMBER 4

AVERAGE PERCOLATION RATE: 14 min SQUARE FEET PER BEDROOM 210
NUMBER OF BEDROOMS: 4 LINEAR FEET OF TRENCH PER BEDROOM 70
TOTAL LINEAR FEET OF TRENCH 280 SEPTIC TANK CAPACITY: 1250
TOP SEAMED TANK REQUIRED? YES NO
COMPARTMENTED TANK REQUIRED? YES NO

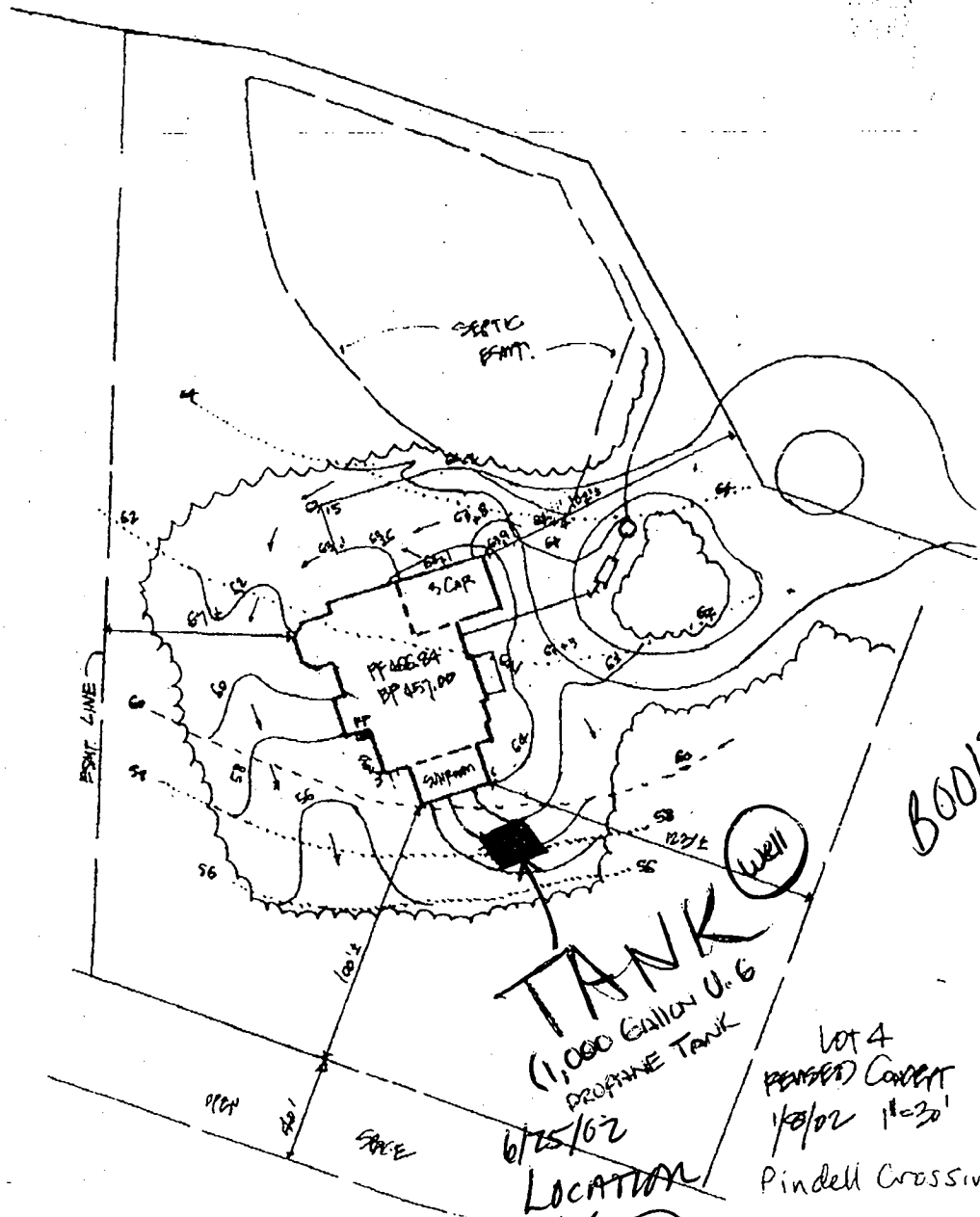
TRENCH DESIGN: Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

PUMPED SYSTEM PROPOSED: YES NO
PUMPED SEPTIC SYSTEM DETAIL: 1250 gallon pump chamber
 YES NO top seamed pump chamber required?

LOCATION: Place the distribution box approximately 10' from the highest corner easement stake and approximately 10' downhill of the highest corner easement stake (as shown on the building permit plan). Run trenches on contour in both directions.

ADDITIONAL NOTES: Trenches should be 10' center to center.

REVIEWER: B. Baber DATE: 6/26/02



600137080

TANK
(1,000 Gallon U.G.
PROPANE TANK)

6/25/02
LOCATION
OK (CN)

Lot 4
PENDING CONVEY
1/20/02 11x30'
Pindell Crossing

REVISED AT HOMEOWNER'S REQUEST
File
1/14/02

Pindell
lot 4

Approved 8/19/83

Stayed

P 33043

A Repair

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

BUREAU OF ENVIRONMENTAL HEALTH
992-2330

DISTRICT 5th

DATE 8/15/83

DEMOLISHED

INDEX

Jack Fyock

IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270

SUBDIVISION _____ ROAD 7550 Pindell School Rd. LOT _____

PROPERTY OWNER Mrs. Louise Adams (Setterholme)

ADDRESS 7750 Pindell School Road, Fulton, Md. 20759 Phone: 531-5458

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO _____

7/2000

SEPTIC TANK CAPACITY _____ GALLONS NUMBER OF BEDROOMS _____

REPAIR - Call for an appointment when ground is opened up and Sanitarian will

recommend the repair area.

PLANS APPROVED BY Frank A. Skinner DATE 8/15/83

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

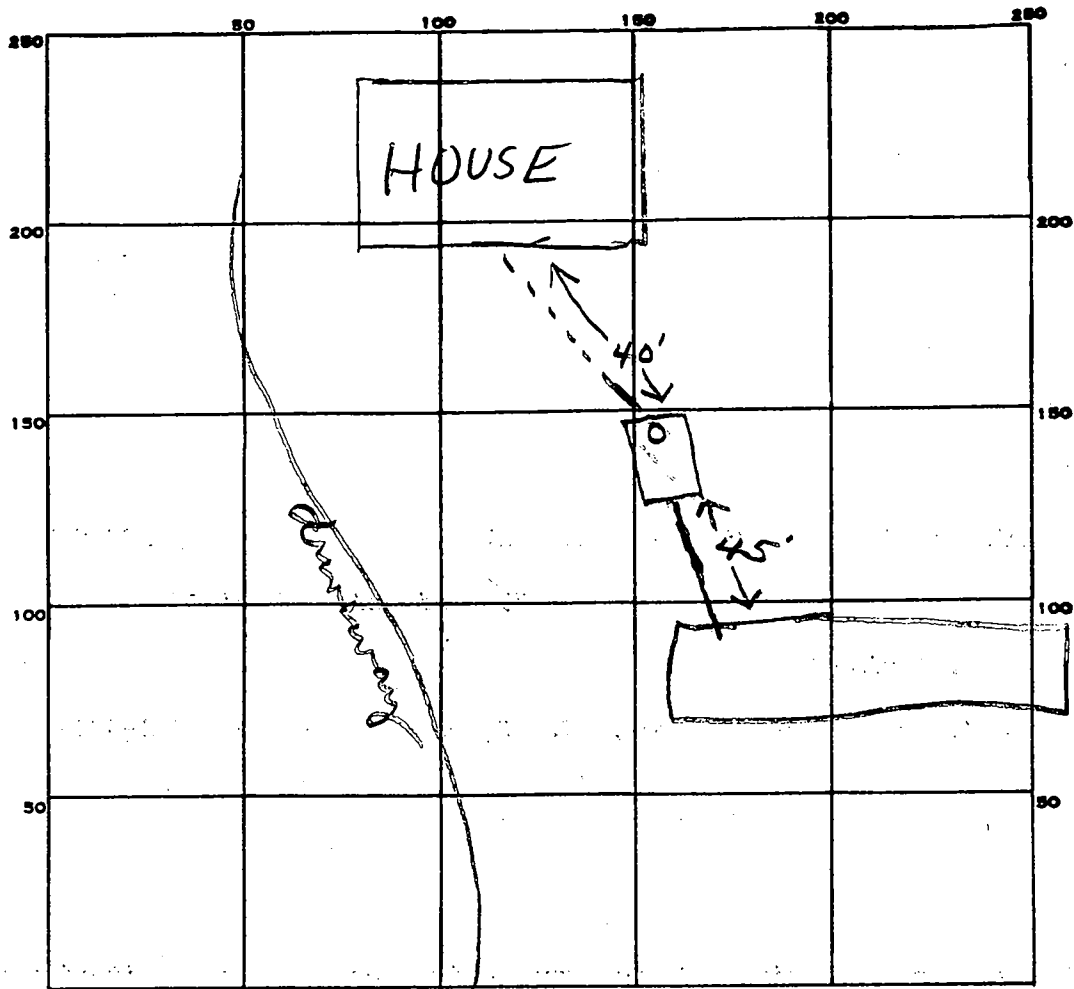
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

8/19/83
around noon

33043



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Purdell School Rd

PERMIT CARD _____

SEPTIC TANK, LEVEL ✓ 1000 gal CLEANOUTS 57

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 5 FT. TRENCH WIDTH 6 FT.

GRAVEL DEPTH 2' IN. TOTAL LENGTH 63 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 378

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 378 SQ. FT.

REMARKS 8/19/83 Visual hole - water at 11 ft
Replaced septic tank. OK to add stones in
trench. JS

8/19/83 OK to cover all work. JS

DATE SYSTEM APPROVED 8/19/83 INSPECTOR Stayer

10/15/83
9:30 AM

FILE Emergency Well Louise Adams DATE REPORTED Oct 3, 1983
 PROPERTY OWNER (Nancy Alley) Home: 776-9263 ^{changed} F: 621-7142
 P. O. ADDRESS 150 Lindell School Rd, Inulton, MD
 DIRECTIONS TO PROPERTY _____

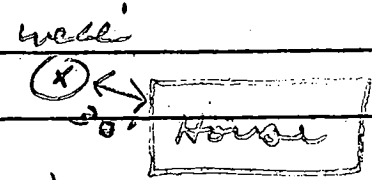
INFORMANT Well has gone dry.
Real Estate - rental agent - Mrs. Louise Adams 531-5458

10/3/83 T.C. & Louise Adams re. owner is Settyholme
 10/17/83 T.C. & R. Mayne, he wants emergency well # J.S.
 10/17/83 T.C. & Mrs. R. Mayne # 1540-81-0300 J.S.

CONDITION FOUND: _____

ACTION TAKEN: 10/19/83 Well drilled, location OK (see drawing)

50' - casing
 45' - open
 35' - trap cement
 J.S.



Randell school Rd

FINAL DISPOSITION: _____

B 1 **2682**

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HO-81-0300

fill in this form completely

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

Date Received

7 15

OWNER INFORMATION

AMAS LOUISE

5489 IEN OAKS KU

CLARKSVILLE MO 21029

B 3

LOCATION OF WELL

HOWARD

HOWARD

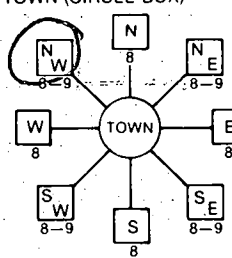
FULTON

FULTON

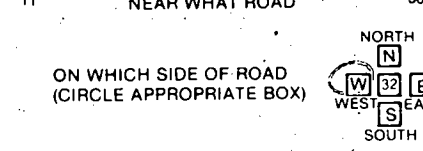
MILES FROM TOWN (enter 0 if in town) **2 2 3**

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



PIRDILL School Rd.



DISTANCE FROM ROAD **500** ENTER FT or MI

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **225**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD

COUNTY NAME **HOWARD** COUNTY NO. STATE HEALTH DEPARTMENT APPROVAL SIGNATURE DATE ISSUED **10/7/83** CO SIGNATURE EXP. DATE NORTH GRID **485 000** EAST GRID **0801000**

APPROXIMATE DEPTH OF WELL **150** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

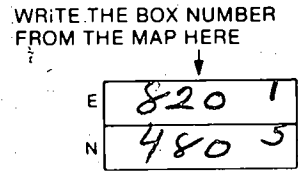
METHOD OF DRILLING (circle one)

AIR-ROTARY AIR-PERCUSION ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT

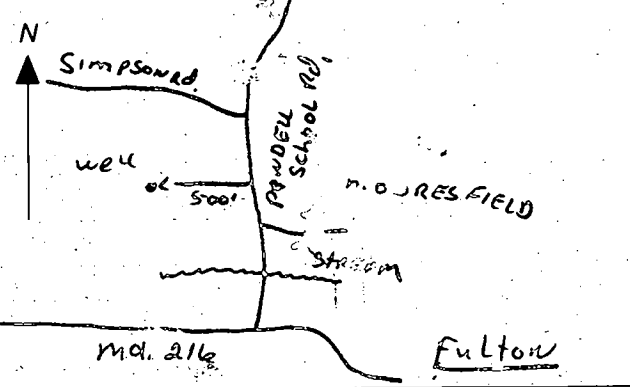
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- 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
- THIS WELL WILL DEEPEM AN EXISTING WELL

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



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



APPROX. PERMIT NUMBER **G A P**

FORCE **FS** WRITE INITIALS IN BOX PERMIT No. **HO-81-0300**

SPECIAL CONDITIONS

C1 0848

SEQUENCE NUMBER (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

COUNTY NUMBER

Y 330-32

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

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received

DATE WELL COMPLETED

Depth of Well (TO NEAREST FOOT)

40-81-0300

OWNER: last name, first name, TOWN, STREET OR RFD, SUBDIVISION, SECTION, LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Sandstone and Micka.

GROUTING RECORD: WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD: casing types, insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth of main casing

OTHER CASING (if used): diameter, depth

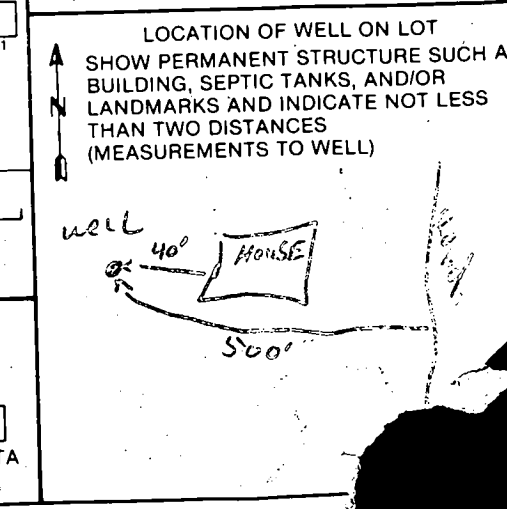
SCREEN RECORD: screen type or open hole, insert appropriate code below, DEPTH (nearest ft.)

SCREEN RECORD table with columns for depth and screen diameter

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

PUMPING TEST: HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT



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

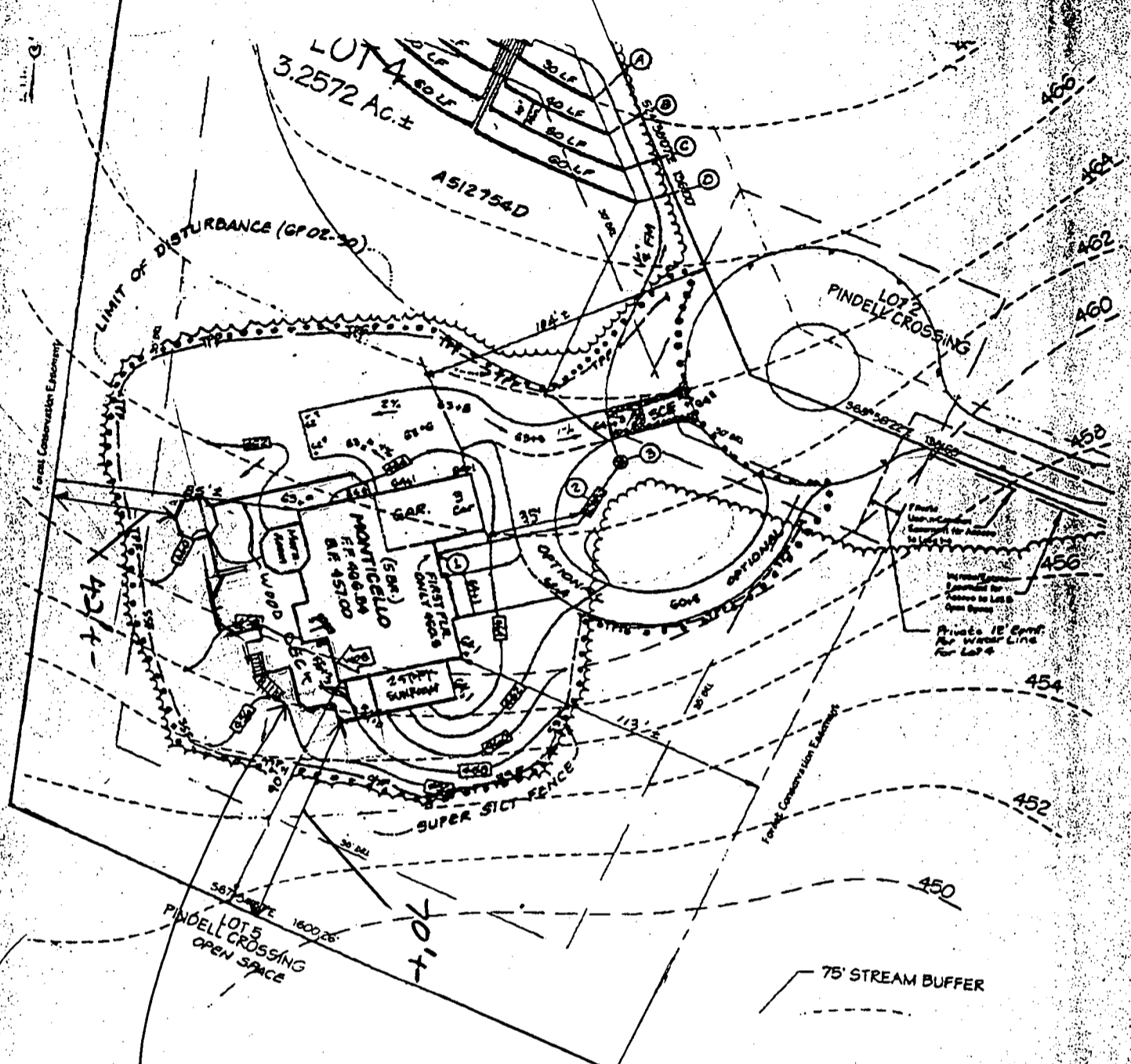
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO., DRILLERS SIGNATURE, SITE SUPERVISOR

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER): T, LOG CASING, WQ, LOG INDICATOR, OTHER DATA

Pindell Crossing Lot # 0004
John + Linda Peters

- Trees in the circular driveway can be saved



12/5/02
proposed deck
OK (SRK)

B00139014

RECEIVED NOV 9 2001

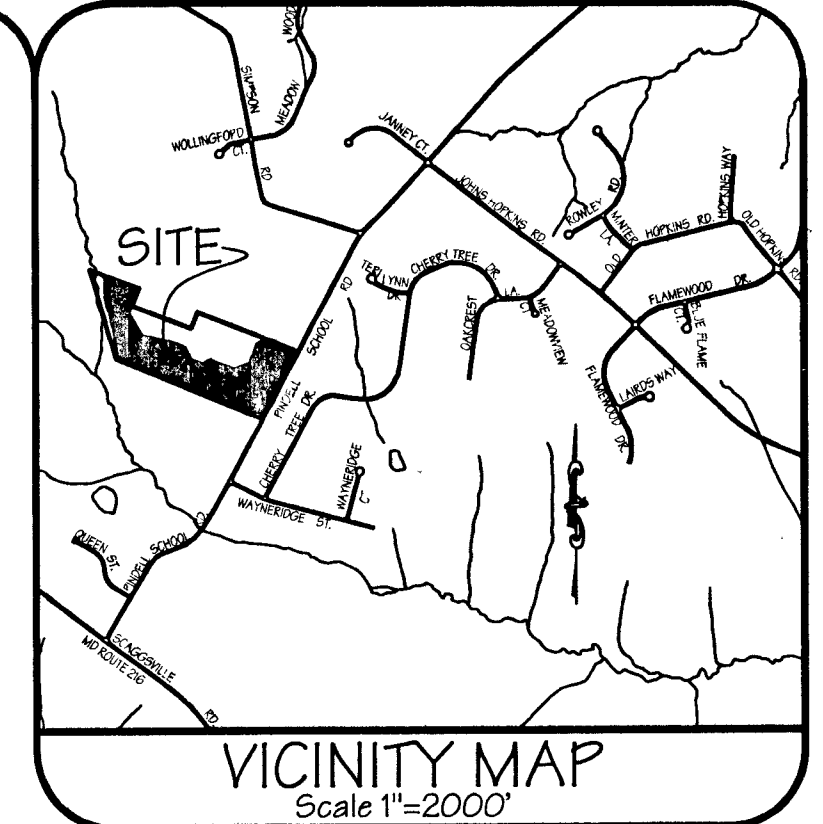
7550 Pindell School
Fulton MD 20759

67
54



LEGEND:

- 462 --- EXISTING GROUND
- 462 — PROPOSED GRADE
- PROP. WELL
- DRAINAGE FLOW
- SCE — STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF DISTURBANCE (6P02-30)
- ~ EXISTING TREES TO BE REMOVED
- ~ EXISTING TREES TO BE SAVED
- SSF — SSF — SUPER SILT FENCE
- TPF — TPF — TREE PROTECTION FENCE



LOCATION PLAN
SCALE 1" = 200'

SEWAGE SYSTEM DESIGN DATA:

- 1 Invert at foundation wall: 460.50 First Floor Service Only (Wall Hung with Interior Pump Pit for Basement Services)
- 2 1500 Gallon Septic Tank (5 Bedrooms)
Provide Manhole to Finished Grade
A. Ex. Ground Over Tank: 462.40
B. Prop. Grade Over Tank: 462.50
C. Invert In: 459.80
D. Invert Out: 459.50
- 3 1000 Gallon Pump Pit
A. Ex. Ground over Pit: 463.00
B. Prop. Grade over Pit: 463.50
C. Invert In: 459.80
D. Invert Out: 459.80
- 4 Distribution Box: (Provide 8 Outlets Minimum)
A. Ex. Ground Over Box: 468.20
B. Prop. Grade Over Box: 468.20
C. Invert In: 465.70
- 5 Trench Design: 70 LF/Bedrm. X 5 Bedrm. = 350 LF

	(A)	(B)	(C)	(D)
Ex. Gr. Over Trench:	468.00	467.70	467.40	467.00
Invert Trench:	465.50	465.20	464.90	464.50
Bottom Trench:	463.50	463.20	462.90	462.50
Trench Length:	30 FL	40 FL	50 FL	60 FL
Trench Width:	3 FL	3 FL	3 FL	3 FL

NOTE: TRENCH DESIGN MAY BE REVISED AT TIME OF INSTALLATION BASED ON SITE CONDITIONS.

NOTES:

1. EXISTING ZONING: RR (RURAL RESIDENTIAL)
2. PLAT REFERENCE:
3. LIMIT OF DISTURBANCE: 36,700 SQ. FT.
4. THE PROPOSED DRIVEWAY FOR THIS LOT SHALL BE A MINIMUM OF 10 FEET WIDE, 6" CRUSHER RUN WITH 2 1/2" MACADAM SURFACE.
5. THE TOPOGRAPHY SHOWN IS TAKEN FROM THE HOWARD COUNTY AERIAL TOPOGRAPHY.
6. SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
7. GRADING PERMIT FOR THIS LOT WAS ISSUED UNDER GP02-30.
8. THE PROPOSED SEPTIC SYSTEM FOR THIS LOT REQUIRES A PUMP. THE SYSTEM AS SHOWN REQUIRES AN INTERIOR PUMP PIT FOR BASEMENT SERVICE.
9. PUMP CHAMBER TO BE A MINIMUM 1000 GALLON TOP SEALED PUMP PIT WITH SINGLE EFFLUENT PUMP. PUMP SHALL BE EQUIPPED WITH AUDIBLE AND VISUAL ALARM SYSTEM FOR HIGH WATER AND PUMP MALFUNCTION. ALARM SYSTEM SHALL BE INSTALLED ON A SEPARATE ELECTRICAL CIRCUIT. INSTALL CHECK VALVES AS REQUIRED.
10. PROVIDE MANHOLE CLEANOUT TO FINISHED GRADE AT PROPOSED SEPTIC TANK AND THE PUMP CHAMBER.
11. DETAILS AND SPECIFICATIONS OF THE PROPOSED PUMP WITHIN THE PUMP PIT TO BE SUPPLIED BY THE CONTRACTOR FOR REVIEW AND APPROVAL BY THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO ISSUANCE OF A SEPTIC PERMIT.

ENGINEER'S CERTIFICATE

"I HEREBY 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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

SIGNATURE OF ENGINEER _____ DATE _____

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

NATURAL RESOURCE CONSERVATION SERVICE _____ DATE _____

DEVELOPER'S CERTIFICATE

"I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEING THE PROJECT. I ALSO AUTHORIZED PERSONNEL TO BE INSPECTED BY THE HOWARD SOIL CONSERVATION DISTRICT IF THEIR AUTHORIZED AGENCIES ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER _____ DATE _____

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

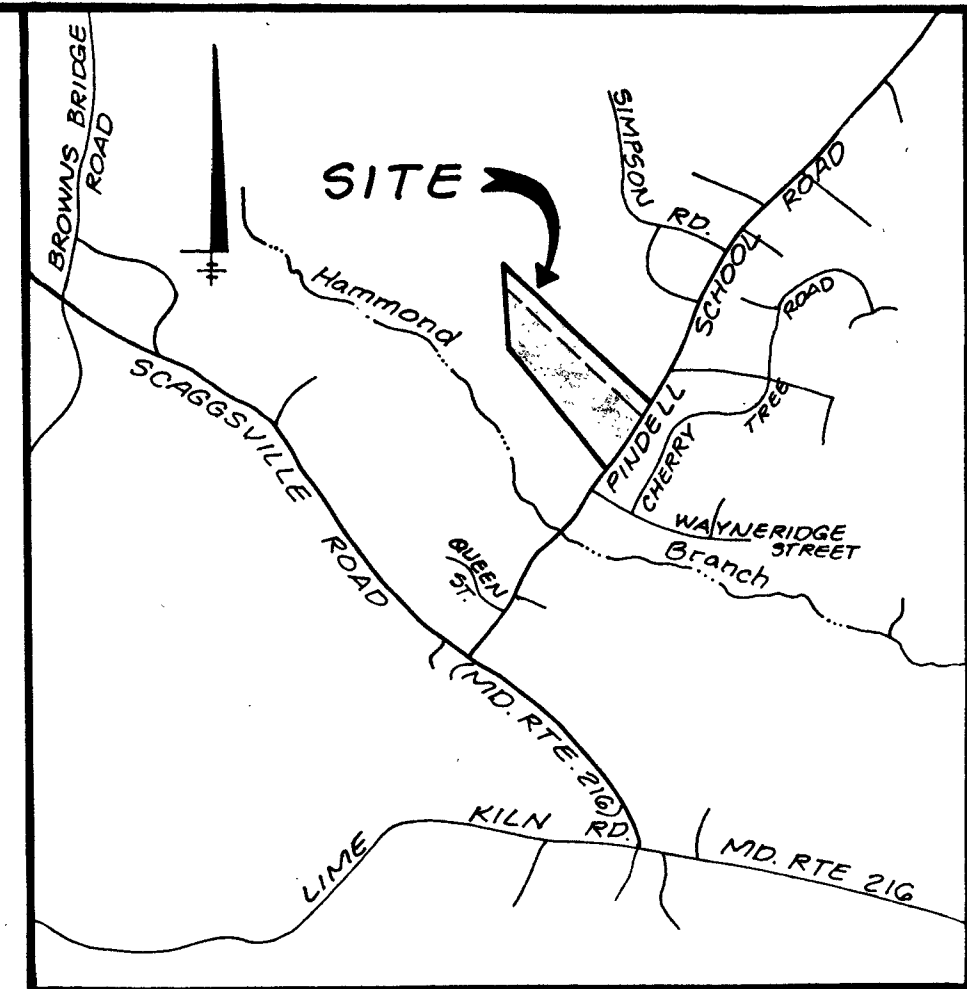
HOWARD SOIL CONSERVATION DISTRICT _____ DATE _____



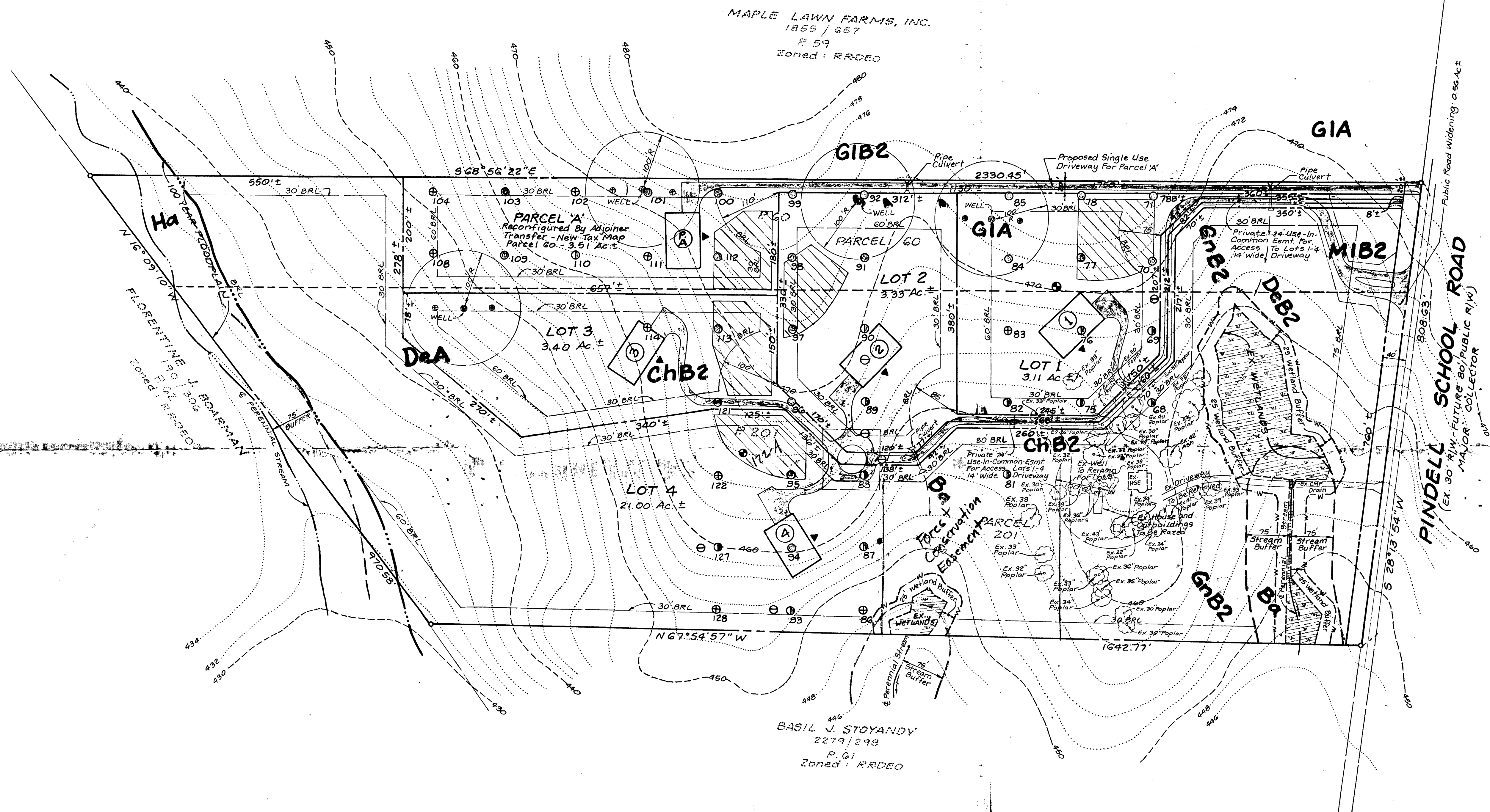
LDE Inc.

Engineers, Surveyors, Planners
9250 Ramsey Road, Suite 106 Columbia, Maryland - 21045
(410) 715-1070 - (301) 596-3424 - FAX (410) 715-9340

DESIGNED BDB	PLOT PLAN PINDELL CROSSING LOT 4 TAX MAP 41 GRID 13 & 14 PARCEL 201 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN JLM		DRAWING 1 OF 1
CHECKED BDB		JOB NO. 01-031
DATE 8/2001		FILE NO. 51
BUILDER NV HOMES 2200 DEFENSE HIGHWAY SUITE 301 CROFTON, MD 21114 (301) 868-0522 (410) 721-4703		



VICINITY MAP
Scale: 1" = 2000'



GENERAL NOTES:

- EXISTING ZONING: RR-(RURAL/RESIDENTIAL) PER 10/18/93 COMPREHENSIVE ZONING PLAN.
- DEED REFERENCES: PARCEL 60
PARCEL 201
- TOTAL AREA OF PROPERTY:
- THE LOTS SHOWN COMPLY WITH THE MINIMUM LOT AREA AND OWNERSHIP WIDTH AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE TOPOGRAPHY SHOWN IS COMPILED FROM THE HOWARD COUNTY AERIAL PHOTOGRAMMETRY.
- THE EXISTING DWELLING AND ACCESSORY BUILDINGS WILL BE RAZED.
- SOIL GROUP DELINEATION TAKEN FROM USDA MAP No. 28.
- ALL PERCOLATION TESTS HAVE BEEN FIELD LOCATED. ALL EXISTING WELLS AND SEPTIC SYSTEMS HAVE BEEN SHOWN WITHIN 100 FT. OF PROPERTY BOUNDARY WHICH MAY IMPACT THIS SUBDIVISION.
- THE EXISTING SEPTIC SYSTEM SHALL BE PROPERLY ABANDONED PRIOR TO RECORD PLAT APPROVAL.
- ALL PROPOSED WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT SIGNATURE APPROVAL. LOT 4 WILL UTILIZE THE EXISTING WELL SITE.
- LOTS 1 THRU 4 AND PARCEL 'A' WILL REQUIRE A PUMP SYSTEM WITH VISUAL AND AUDIBLE ALARMS FOR INSTALLATION OF THE SEPTIC SYSTEM.
- TREE PROTECTION FENCE OR BLAZE ORANGE FENCE SHALL BE PLACED AROUND THE PERIMETER OF THE SEWAGE DISPOSAL EASEMENT PRIOR TO ANY CONSTRUCTION OF DRIVEWAY OR LOT IMPROVEMENTS TO INSURE THAT PLACEMENT OF FILL MATERIAL UPON THE EASEMENT AREA WILL NOT OCCUR.
- PROPOSED PARCEL 'A' IS RECONFIGURED TAX MAP PARCEL No. 60 BY ADJOINER TRANSFER WITH TAX MAP PARCEL No. 201.

MAPLE LAWN FARMS, INC.
1855 / 657
P. 59
Zoned: RR-DEO

BASIL J. STOYANDY
2279/298
P. 61
Zoned: RR-DEO

SOILS LEGEND

SYMBOL	NAME	SLOPE/CHARACTERISTICS
Ba	Baile Silt Loam	
ChB2	Chester Silt Loam	3 to 8% Moderately Eroded
DeA	Delanco Silt Loam	0 to 3%
DeB2	Delanco Silt Loam	3 to 8% Moderately Eroded
GIA	Glenelg Loam	0 to 3%
GIB2	Glenelg Loam	3 to 8% Moderately Eroded
GnB2	Glenville Silt Loam	3 to 8% Moderately Eroded
Ha	Hatboro Silt Loam	
MIB2	Manor Loam	3 to 8% Moderately Eroded

LEGEND

⊕	FAILED PERCOLATION TEST
⊙	PASSED PERCOLATION TEST
⊚	PERCOLATION TEST HELD FOR WET SEASON
⊛	PASSED PERCOLATION TEST 3/24/00
⊜	VISUAL FOR WATER TABLE DETERMINATION 3/24/00 (Fail)
▨	PROPOSED SEWAGE DISPOSAL AREA
○	SOIL TYPE DELINEATION
①	PROPOSED DWELLING/LOT No.
▲	FRONT ORIENTATION
⊙	PROPOSED WELL SITE (W/2 ALTERNATES)
⊕	EXISTING WELL SITE

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MD. STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE 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 SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

Donna M. ...
HOWARD COUNTY HEALTH OFFICER
DATE: 4/21/00



LDE, INC.
9250 Rumsey Road, Suite 106, Columbia, MD. 21045
(410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

Signed PERCOLATION TEST PLAT
SETTERHOLM PROPERTY
LOTS 1-4 and PARCEL 'A'
TAX MAP 41 PARCELS 60 & 201
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

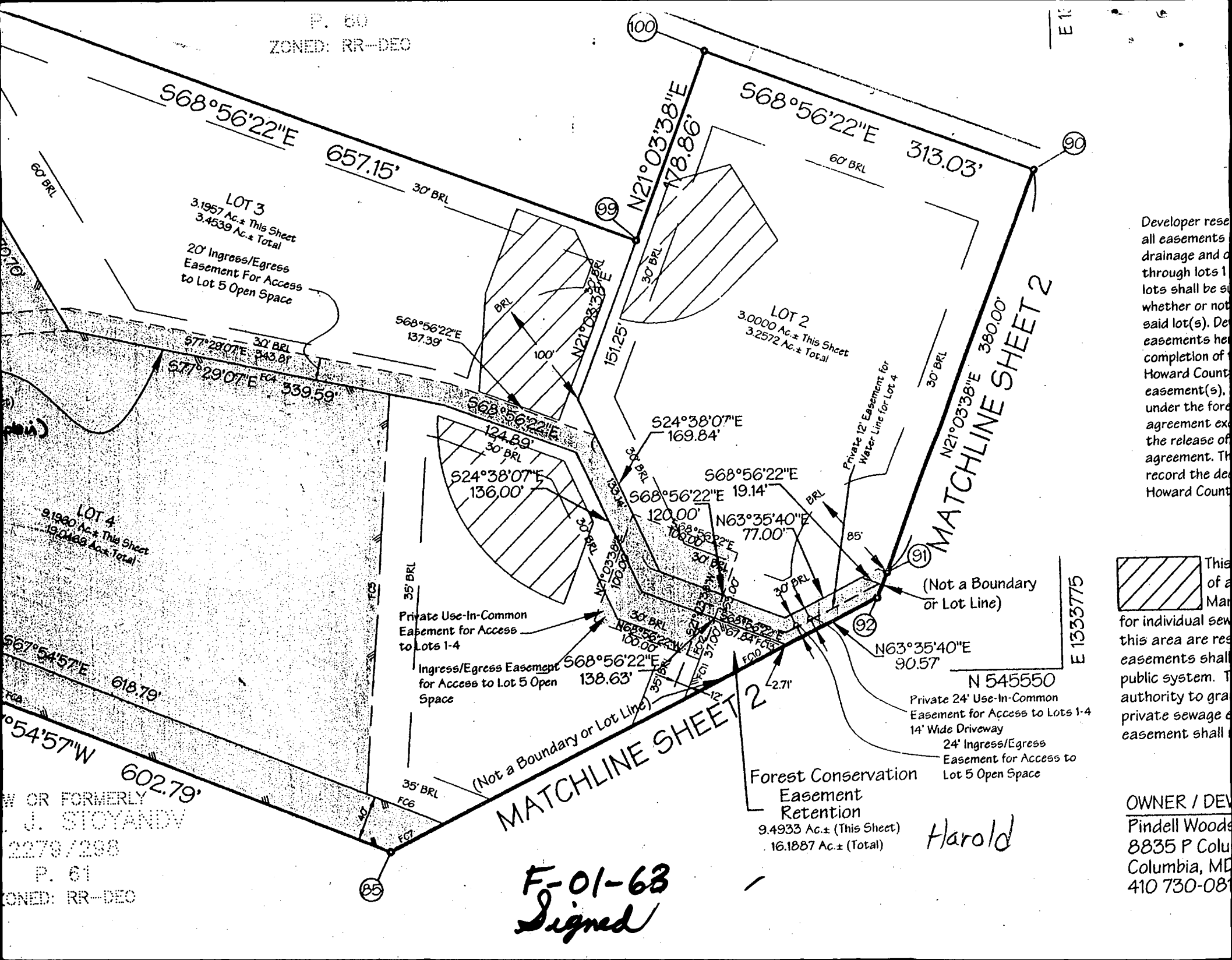
DESIGNED: BDB
DRAWN: KBW
CHECKED: BDB
DATE: 7/2000

SCALE: 1" = 100'
DRAWING: 1 of 1
JOB NO.: 99-060
FILE NO.:

DEVELOPER
BRANTWOOD, LLC
8835 - P. Columbia 100 Parkway
Columbia, MD 21045 (410) 730-0810

P. 60
ZONED: RR-DEO

E 1



Developer rese
all easements
drainage and o
through lots 1
lots shall be su
whether or not
said lot(s). De
easements her
completion of
Howard Count
easement(s),
under the for
agreement ex
the release of
agreement. Th
record the de
Howard Count

This
of a
Man
for individual sew
this area are res
easements shall
public system. T
authority to gra
private sewage d
easement shall

OWNER / DEV
Pindell Woods
8835 P Colu
Columbia, MD
410 730-08

W OR FORMERLY
J. STOYANDY
2279 / 288
P. 61
ZONED: RR-DEO

F-01-63
Signed

Harold

Forest Conservation
Easement
Retention
9.4933 Ac. ± (This Sheet)
16.1887 Ac. ± (Total)

MATCHLINE SHEET 2

MATCHLINE SHEET 2

E 1333775

N 545550
Private 24' Use-In-Common
Easement for Access to Lots 1-4
14' Wide Driveway
24' Ingress/Egress
Easement for Access to
Lot 5 Open Space

Private Use-In-Common
Easement for Access
to Lots 1-4
Ingress/Egress Easement
for Access to Lot 5 Open
Space

LOT 3
3.1957 Ac. ± This Sheet
3.4539 Ac. ± Total
20' Ingress/Egress
Easement For Access
to Lot 5 Open Space

LOT 2
3.0000 Ac. ± This Sheet
3.2572 Ac. ± Total

LOT 4
9.1960 Ac. ± This Sheet
19.0469 Ac. ± Total