

12/11 Layout 10 AM
12/12/00 C.O. PH

PERMIT

P 514634

SEWAGE DISPOSAL SYSTEM

A 512777

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

410-313-2640

ISSUE DATE 11/8/2000

APPROVAL DATE 12/12/00

RPS# 332373

INDEXED

Hatfield's Equipment IS PERMITTED TO INSTALL X ALTER

ADDRESS 13785 Burntwoods Road, Glenelg, MD 21737 PHONE 301-854-6172

SUBDIVISION Peterson Tract LOT NUMBER 1 ADDRESS 2405 Pfefferkorn Road

PROPERTY OWNER Mark Moxley PROPERTY OWNER'S ADDRESS 13155 Route 144

SEPTIC TANK CAPACITY 1250 GALLONS - TOP SEAMED

PUMP CHAMBER CAPACITY N/A GALLONS

NUMBER OF BEDROOMS 4

SQUARE FEET PER BEDROOM 180

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES: Trenches to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. 2 feet of stone below distribution box drain pipe.

LOCATION: Beginning from the intersection of the 216.89' and the 200.84' lot lines, begin trenches 55 feet up the 216.89' lot line and 80 feet off that same lot line. Run trenches on contour in both directions.

OK to lay trench all toward south (right) Property line R/P 12/11/00

PLANS APPROVED Amy Mc Millen DATE 5/22/00

- PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED
- NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES
- NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC 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
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

APPLICATION

PERCOLATION TESTING

A 512777

P _____

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

10-21-99
Preview OK - create
one, one acre lot
and perc the
existing house
AU

DISTRICT _____

DATE 10/21/99

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 James R. Moxley Jr.

ADDRESS 13155 Rt. 144 W. Friendship PHONE (410) 489-4463

AGENT OR PROSPECTIVE BUYER Mr. & Mrs. Mark G. Moxley

ADDRESS 13155 Rt. 144 W. Friendship, Md. PHONE (410) 442-3645

PROPERTY LOCATION:

SUBDIVISION Peterson Tract LOT NO. _____

ROAD AND DESCRIPTION 2305 Pfefferkorn Rd.
West Friendship, Md. 21794

TAX MAP 15 PARCEL # 45

SIZE OF LOT 1 acre TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

Mark G. Moxley
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

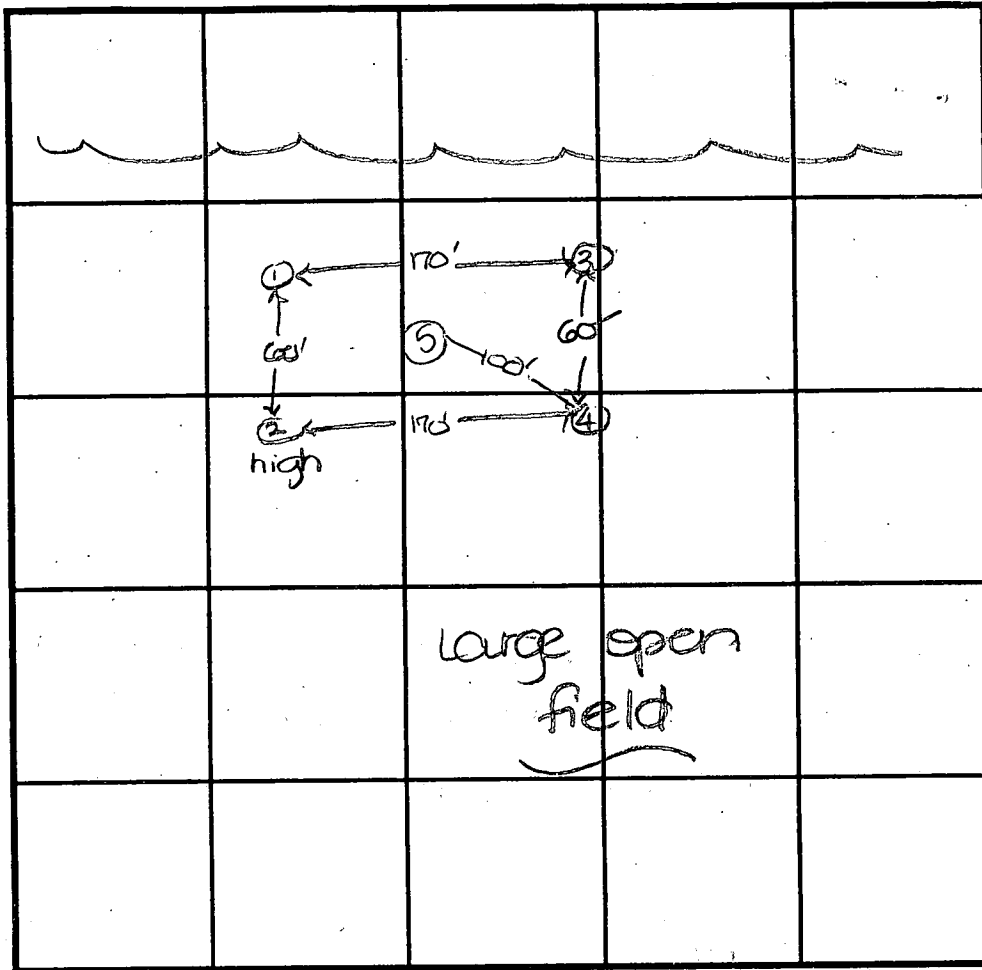
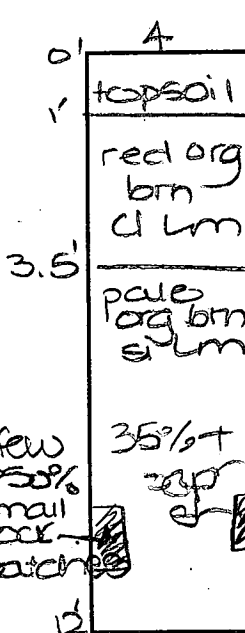
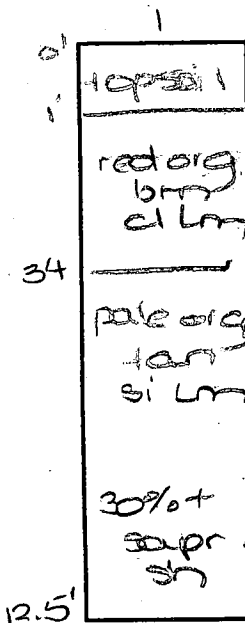
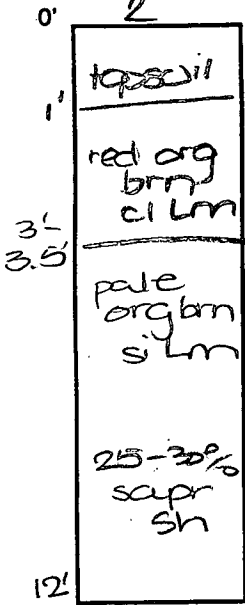
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

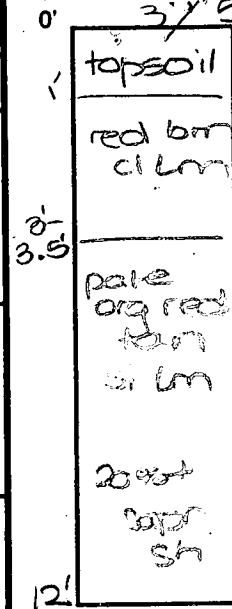
THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE



SOIL PROFILE

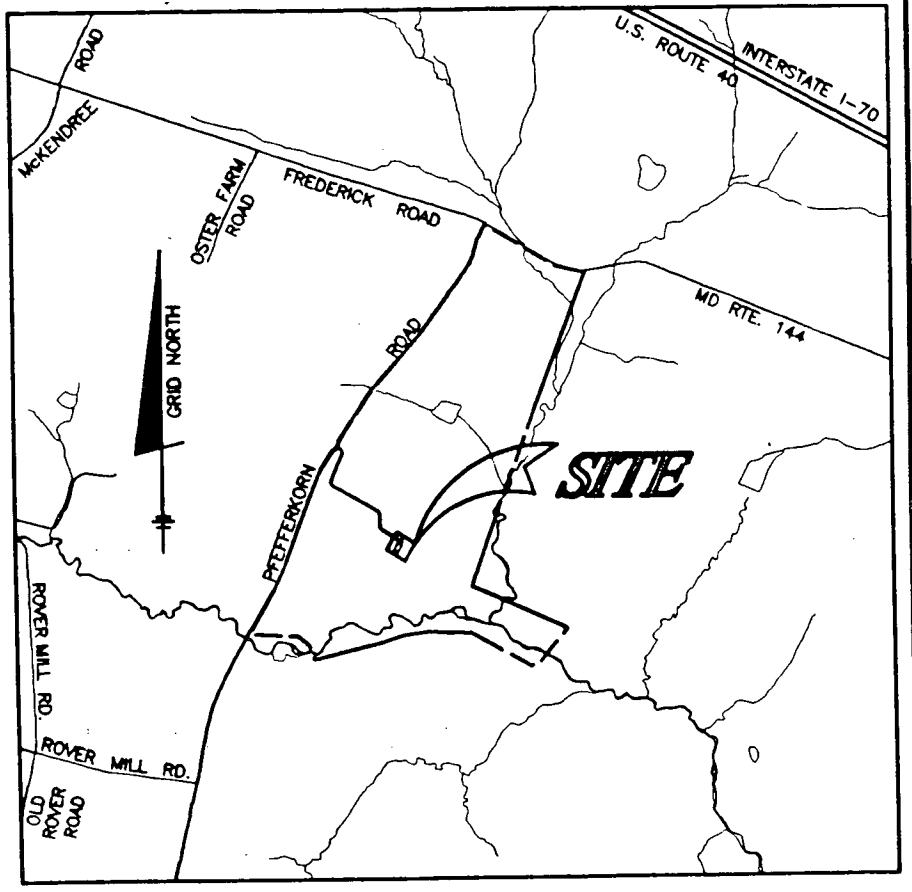
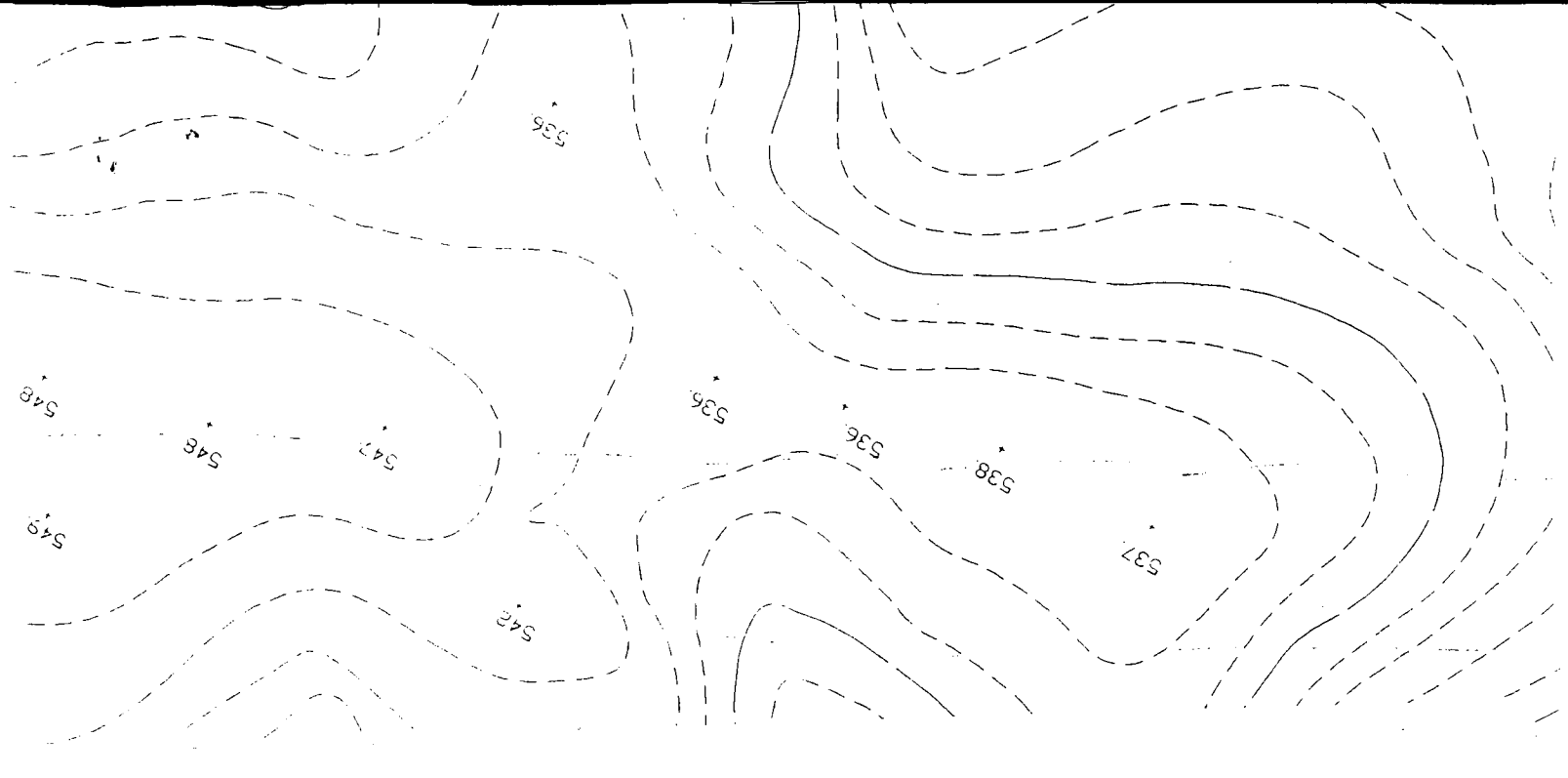


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Pfefferkorn Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
11-30-99	2	4.0'S	10:19	10:21	10:21	10:24	3
		12.0'D	visual	- see	profile		OK
	1	4.0'S	10:21 ₂	10:22	10:22	10:23	1
		12.5'D	visual	- see	profile		OK
	4	4.0'S	10:29	10:31	10:31	10:34	3
		12.0'D	visual	- see	profile	- stay 25' off *	
	3	4.0'S	10:32	10:35	10:35	10:39	4
		12.0'D	visual	- see	profile		OK
	5	12'8"D	visual	- see	profile		OK


REMARKS test holes staked by Mr. Moxley
 TYPE OF SOIL _____
 TESTED BY DKS ALSO PRESENT Hatfield's
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 TRENCH WIDTH 3
 INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM 180



SITE VICINITY MAP

SCALE: 1" = 2000'

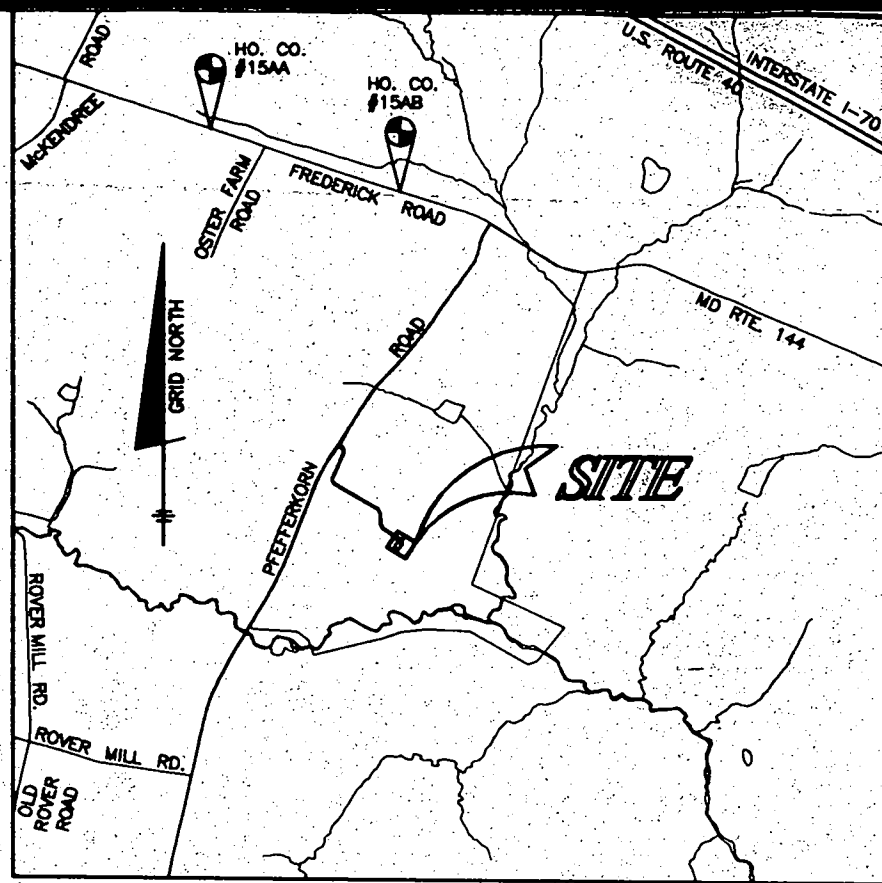
NOTES

1.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER 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 VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
2. TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY 200' SCALE TOPO. MAPS.
3. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPOSED LOT HAS BEEN

BENCH MARKS (NAD'83)

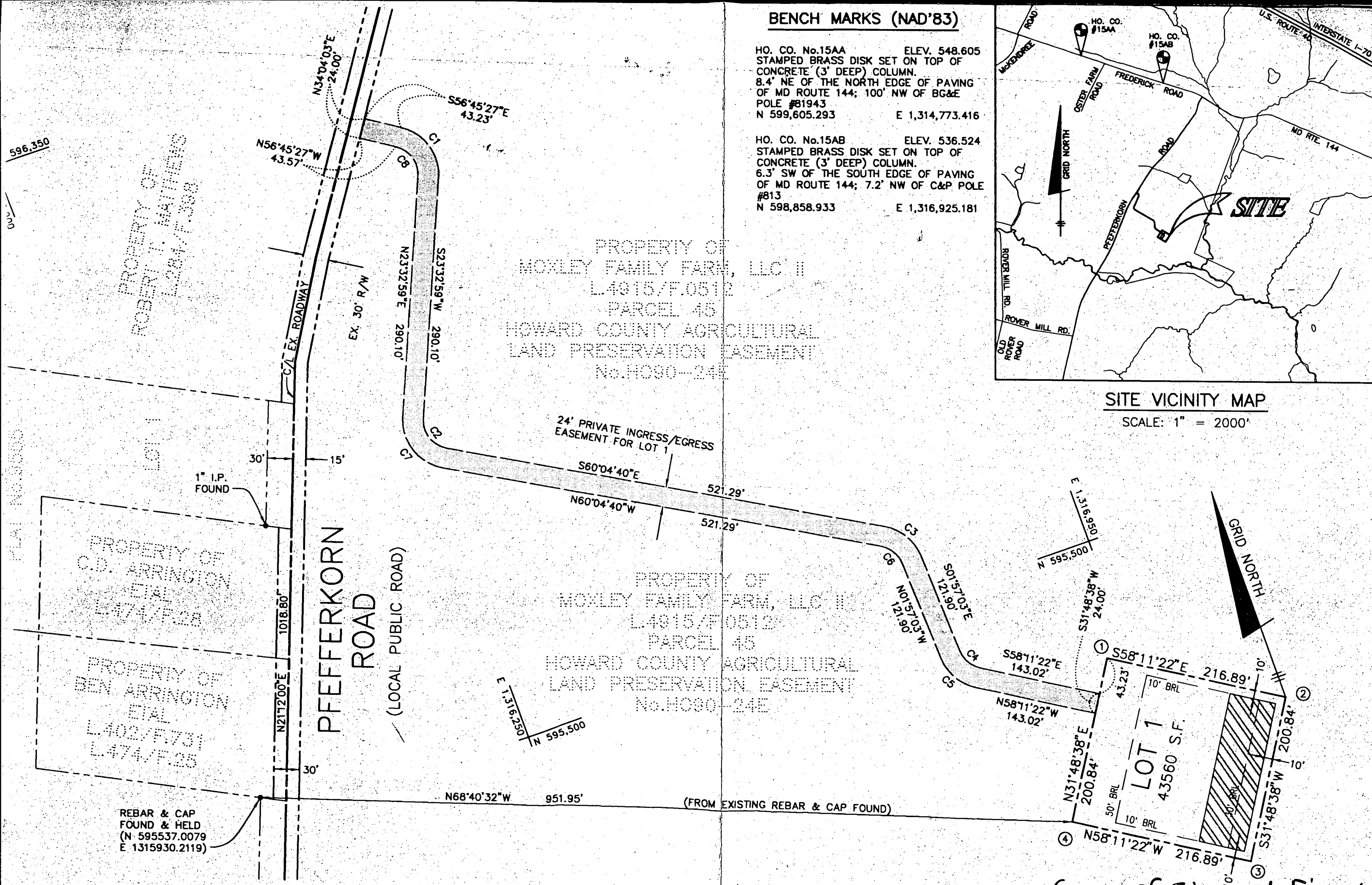
HO. CO. No.15AA ELEV. 548.605
 STAMPED BRASS DISK SET ON TOP OF
 CONCRETE (3' DEEP) COLUMN.
 8.4' NE OF THE NORTH EDGE OF PAVING
 OF MD ROUTE 144; 100' NW OF BG&E
 POLE #81943
 N 599,605.293 E 1,314,773.416

HO. CO. No.15AB ELEV. 536.524
 STAMPED BRASS DISK SET ON TOP OF
 CONCRETE (3' DEEP) COLUMN.
 6.3' SW OF THE SOUTH EDGE OF PAVING
 OF MD ROUTE 144; 7.2' NW OF C&P POLE
 #813
 N 598,858.933 E 1,316,925.181



SITE VICINITY MAP

SCALE: 1" = 2000'



PLAN VIEW

Copy of signed final
 F-002119

BENCHMARK

ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

Total linear feet of trench required 240 feet

Width of trench(es) 3.0 feet

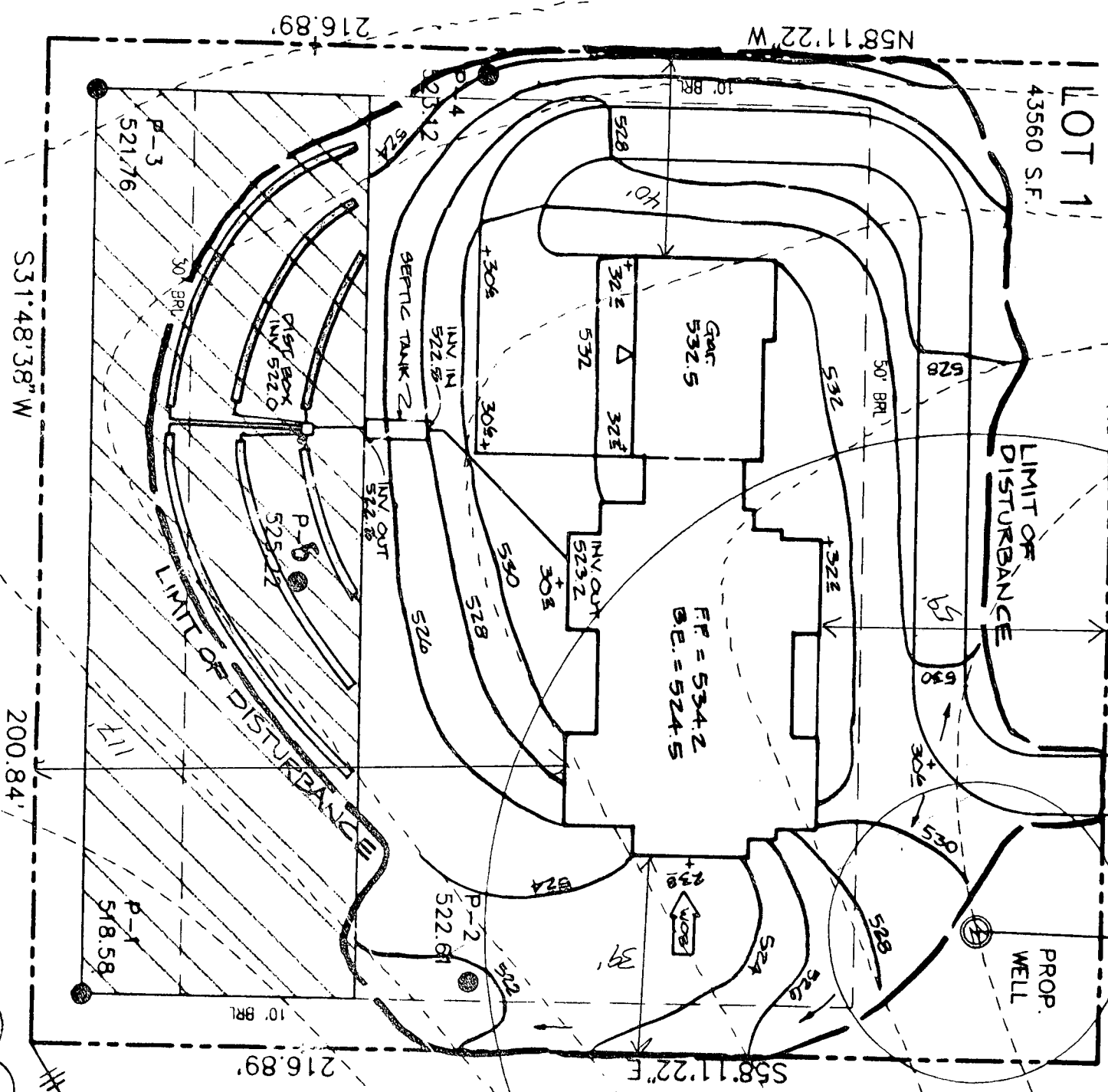
Depth of trench(es) 5.0 feet

Depth of stone required below distribution pipe 2.0 feet

Approved Septic System Plan
Howard County Health Department

Andrew M. Miller 5/22/00
Signature Date

TO PREFERKORN ROAD
FARM LANE



LOT 1
43560 S.F.

200.84'

216.89'

216.89'

216.89'

216.89'

216.89'

521.76

531.48' 38" W

200.84'

216.89'

518.58

216.89'

216.89'

N58.11.22" W

S58.11.22" E

216.89'

10' BR

LIMIT OF DISTURBANCE

LIMIT OF DISTURBANCE

PROP. WELL

F.P. = 534.2
B.E. = 524.5

Grac
532.5

900 GALLON
SEPTIC TANK #2

DIST. BOX
INV. 522.0

P-5

P-3

P-2

P-4

100' R

532

534

2

262

850

710

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: J.A. Smith & Co. Telephone #: 410-796-7532
Address: 7030 Kit Kat Rd.
ELK RIDGE, MD. 21075

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

License # and name of individual responsible for the field installation:
Name (Print): Allen Smith License# 5581

*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: Mark G. Moxley Telephone #: 410-465-4244
Subdivision: PETERSEN TRACT Lot #: 2 Well Tag #: HO-94-2613
Site Address: 2405 PFEFFERKORN Rd.
WEST FRIENDSHIP, MD. 21794

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Goulds Make: Bto Martin Two piece watertight cap:
Model #: 76507412 Model#: Riox Screened, vented well cap:
Pump Capacity: 7 GPM Depth: 42" (36" min) Cap secured to casing:
Well Yield: 11 GPM NSF approved: Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: 225(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: 1" Bk Poly PVC sleeved to undisturbed soil at wall penetration: YES
PSI: 160 (160 psi min) Approximate length of sleeve: 5'
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.

J.A. Smith & Co. Signature of company representative responsible for installation 4/2/01 date

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

Date Insp. Requested: 4/4/01 Date Insp. Approved: 4/4/01
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

B 1 09749

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

10-94-2613 fill in this form completely

Date Received (APA) 02/25/00

OWNER INFORMATION

Security Development Corporation P.O. Box 417 Ellicott City Md. 21041

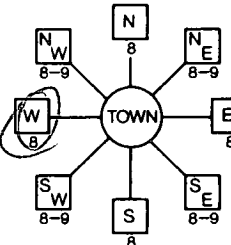
LOCATION OF WELL

Howard Peterson Tract West Friendship MILES FROM TOWN 3

DRILLER INFORMATION

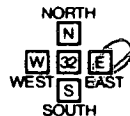
Joseph L. Maime Mt. S.D. 034 Joseph L. Maime Well Drilling 5512 Ridge Rd. Mt. Airy Md 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Pfefferkorn Rd. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



1.000 DISTANCE FROM ROAD ENTER FT OR MI

TAX MAP: 15 BLK: PARCEL 45

WELL INFORMATION

APPROX. PUMPING RATE 5 APPROX. PER MIN. 500 AVERAGE DAILY QUANTITY NEEDED 14 GAL. PER DAY 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD A512777 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 03/01/00 CO SIGNATURE EXP. DATE NORTH GRID 536 000 EAST GRID 0807 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

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

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

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

APPROX. PERMIT NUMBER 54 PERMIT No. 10-94-2613

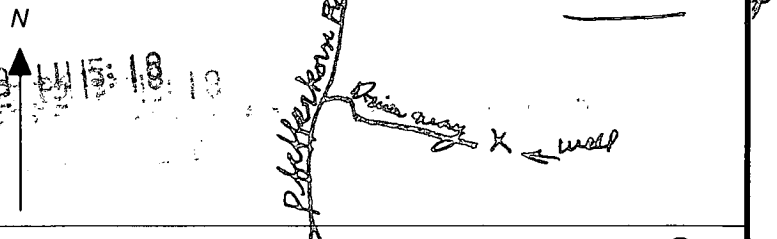
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

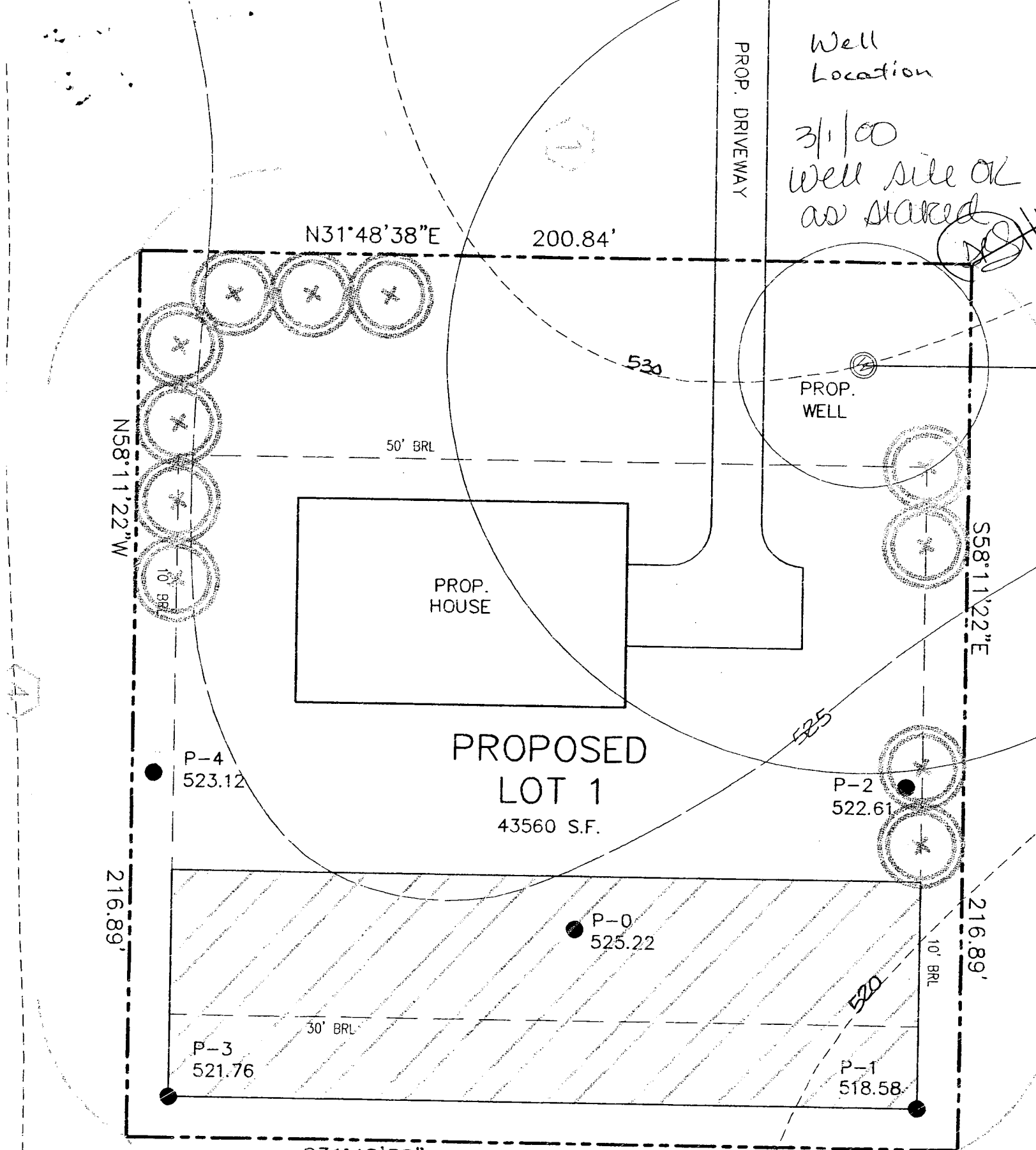
8007 5306

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



PROP. DRIVEWAY

Well Location
3/1/00
Well site OK
as stated

N31°48'38"E 200.84'

530

50' BRL

PROP. HOUSE

PROP. WELL

558°11'22"E

525

216.89'

P-4 523.12

PROPOSED LOT 1
43560 S.F.

P-2 522.61

10' BRL

216.89'

520

30' BRL

P-3 521.76

P-0 525.22

P-1 518.58

S31°48'38"W 200.84'

SDC Mark Moxley

410-465-4244
323