

05-407672

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 42720

A 38041

DISTRICT 5th

DATE 10/6/88

DATE SYSTEM APPROVED 9-21-88

INSPECTOR JEN

**HOWARD COUNTY**

BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

## INDEXED

Jack Fyock

IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE 988-9270

SUBDIVISION Cissel Farms ROAD 7109 Deer Valley Road LOT 40

PROPERTY OWNER William H and Ann Schaefer

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

$\sqrt[3]{190}$   
 $\sqrt[4]{760}$   
190 ft trench

TRENCHES - 190 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 155 feet up the right (279.00') lot line and 150 feet off the same lot line as seen when facing the lot from Deer Valley Road. Run trenches on contour toward the right front corner.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

PLANS APPROVED BY Sid Abel DATE 5/05/88

COVER NO WORK UNTIL INSPECTED AND APPROVED.

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

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

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

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

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

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

PERMIT VOID AFTER TWO YEARS.

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

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

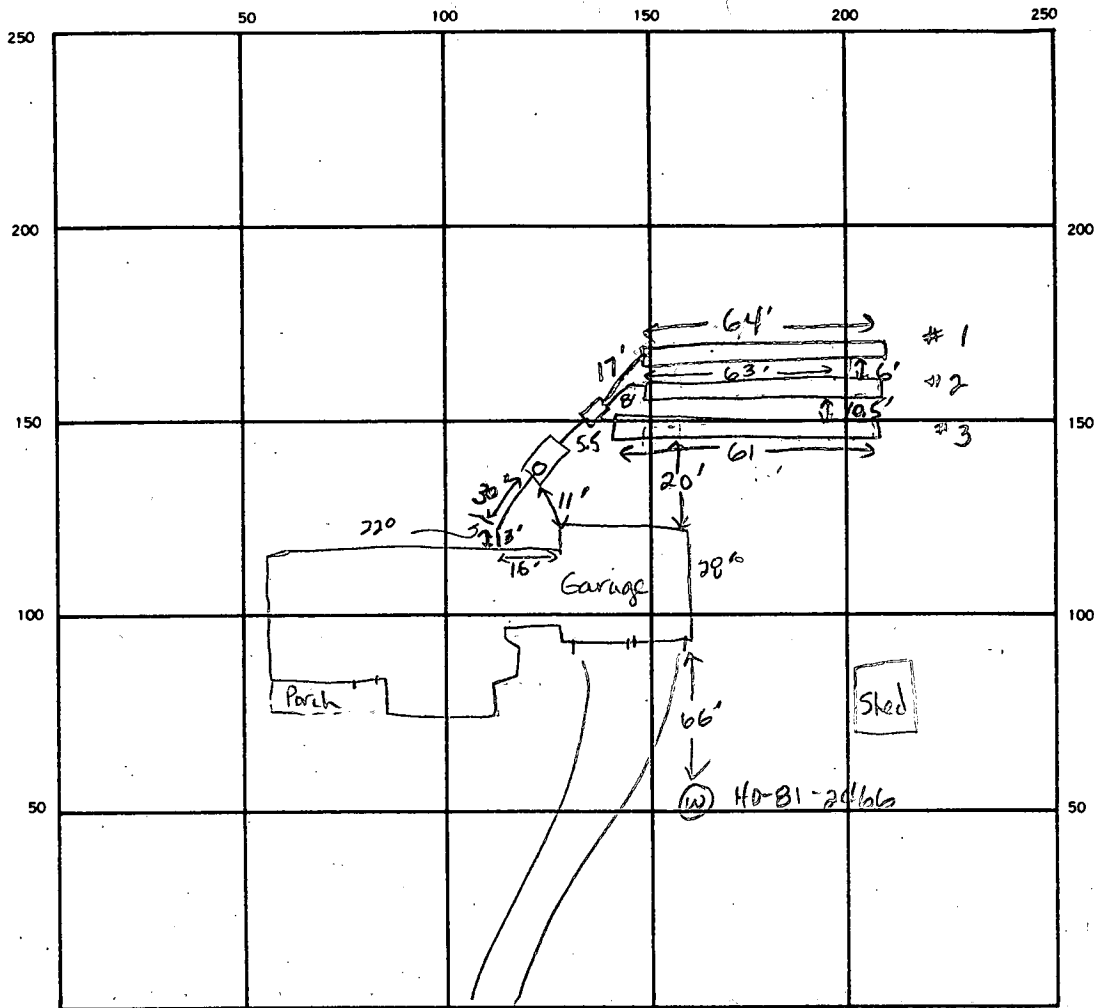
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

9-21-88  
AM  
AFTER  
Brush low P. 102  
2 p.m.

A  
38041



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Deer Valley Road

SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL ok w/ baffle

DRAIN FIELD TILE FIELD DEPTH 7.5' 6.5' 6.5' TRENCH WIDTH 2 FT. INLET DEPTH 2.5' 2.5' 2.5'

EFFECTIVE GRAVEL DEPTH 5' 4' 4' FT. TOTAL LENGTH 64' 63' 61' FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 329' 252' 244' SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 816 SQ. FT.

REMARKS 9-21-88 OK to add stone, pipe & paper to trench #1. OK to add stone, pipe, & paper to trench #2 when opened. JEN. 9-21-88 OK to cover all work. JEN

DATE SYSTEM APPROVED 9-21-88 INSPECTOR Jane A. Madean

12/15/86  
9:30

# APPLICATION

PERCOLATION TESTING

A 38041

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

12/15/86  
perc OK'd  
pending  
approved plat  
(initials)

DISTRICT 5th

DATE Nov 12, 1986

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 William H & Ann Schaefer

ADDRESS 7109 Deer Valley Rd Highland MD 20777 PHONE 854-2755

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Cissel Farms LOT NO. 32A 40

ROAD AND DESCRIPTION 7109 Deer Valley Rd

4BR House

NO DISP.

TAX MAP 40 PARCEL # \_\_\_\_\_

SIZE OF LOT 3+ Acres TYPE BLDG. Single Family  
(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. W.H. Schaefer  
(SIGNATURE OF APPLICANT)

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

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

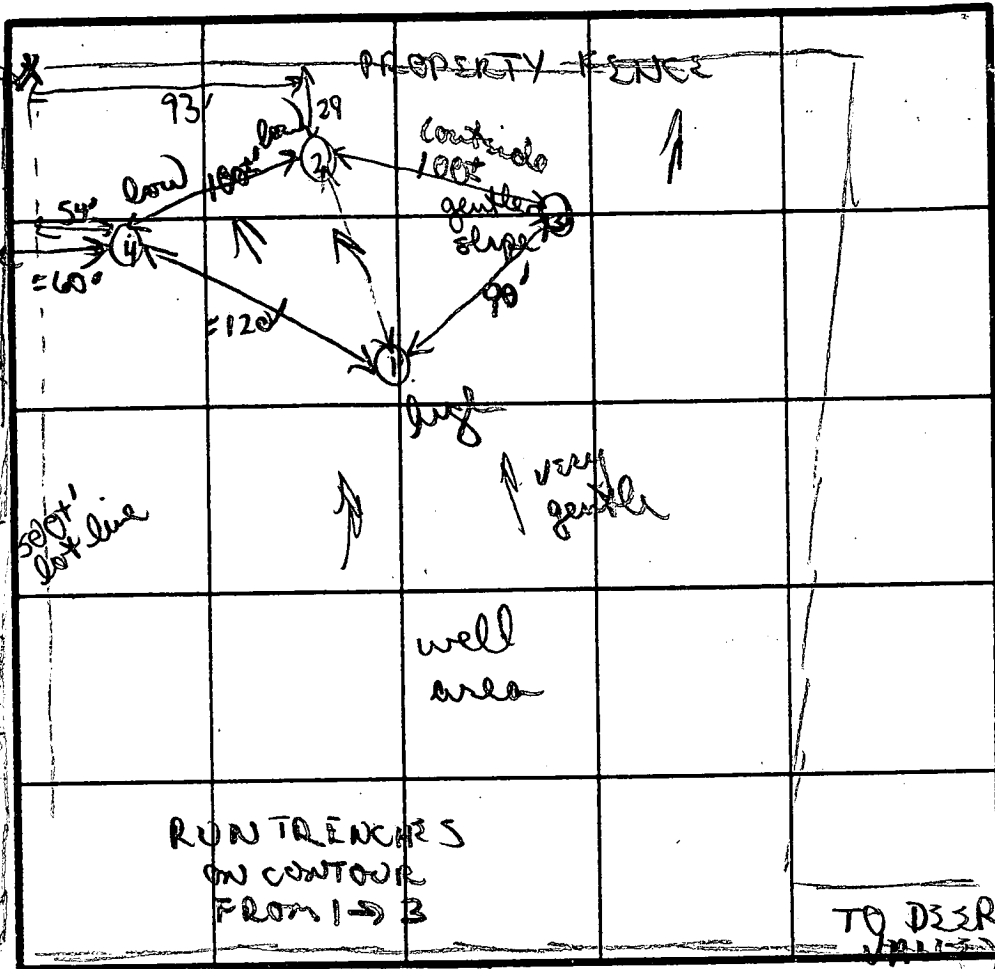
REASONS FOR REJECTION OR HOLDING for field located certified plat  
(shallow or deep)

PERC PERMIT SIGNED  
AND RETURNED 5-5-88

BP # 18265

# THIS IS NOT A PERMIT

SOIL PROFILE  
 0'  
 brown to pink silty heavy micaceous loam  
 uniform w/ few small scattered frags  
 12' D



TO EXISTING PROPERTY  
 2 PERCENT  
 INV. 2.5'  
 BOTTOM 6.5'  
 190 #/cu

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

orange red clay / to clay silty loam  
 4'  
 changing to tan pink silty micaceous loam w/ 5-10% small frags (near top)  
 11 1/2' D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/15/86	①	2 1/2 S	1137	1140	1140	1145	5 MIN	
		6' M	1137	1143	1143	1205	17 MIN	
		12' D	bottom (see profile)					
	②	2 1/2 S	1147	1154	1154	1208	14 MIN	
		6' M	1148	1152	1152	1138	7 MIN	
		11' D	bottom (see profile)					
	③	2 1/2 S	1207	1228	1228	1242	14 MIN	
		11 1/2	bottom (see profile)					
	④	3' S	1202	1207	1207	1214	7 MIN	
		11 1/2' D	bottom (see profile)					

a lot of loose silt on hole

② + ④  
 brown/orange yellow clay/silty loam w/ 3 1/2% scattered small red frags sep 4 1/2" (5-10%)  
 soil to pink to silty micaceous loam

REMARKS: pore holes all in pine woods; several hundred soils nice - fairly uniform  
 some orange/red clay silt - 2-4'; below  
 TYPE OF SOIL: Deer Valley  
 TESTED BY: B. Nyman  
 ALSO PRESENT: \_\_\_\_\_

W.H. Schaefer  
7109 Deer Valley Rd.  
Highland, MD, 20777

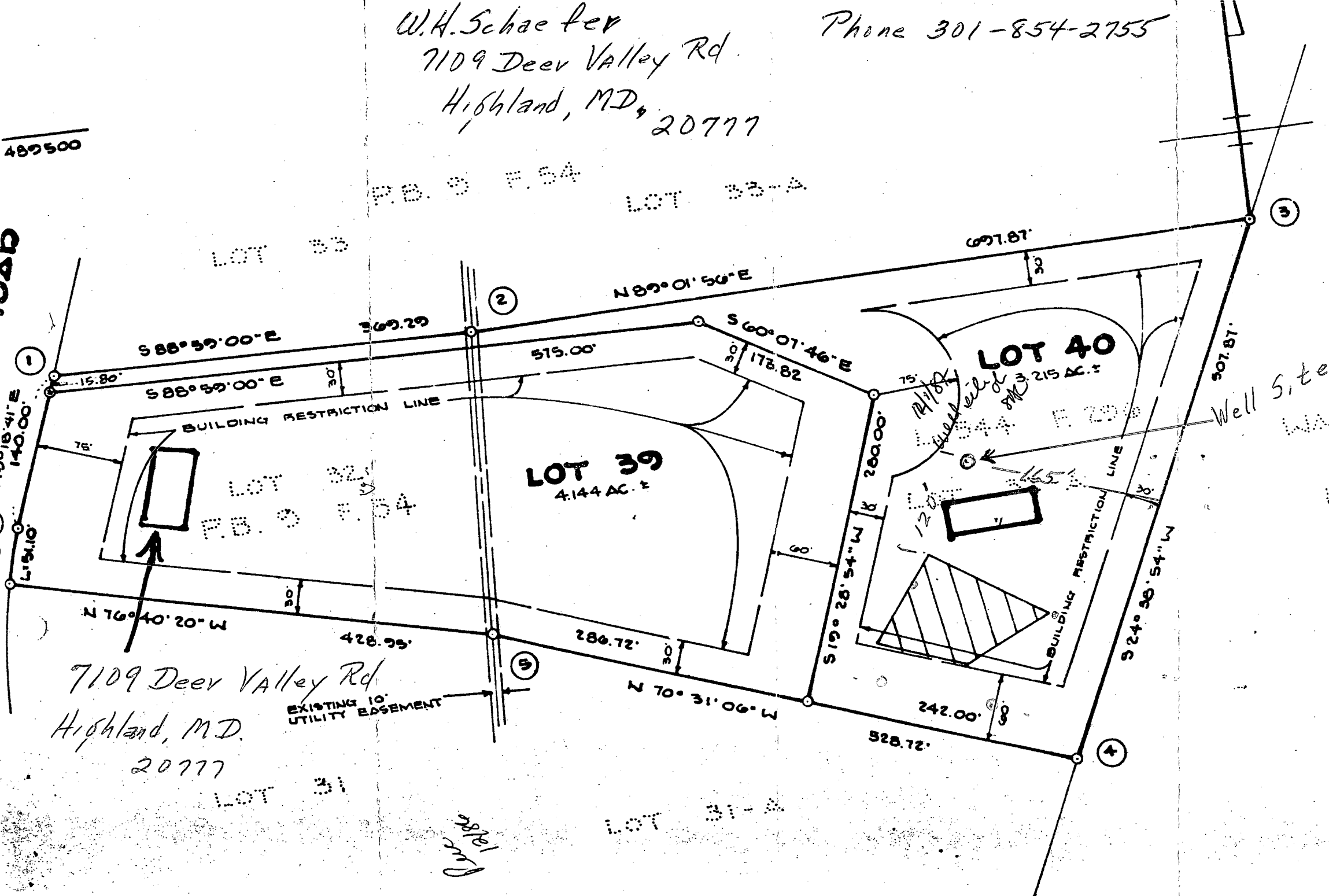
Phone 301-854-2755

487500

E807500

VICINITY  
TAX MAP  
SCALE

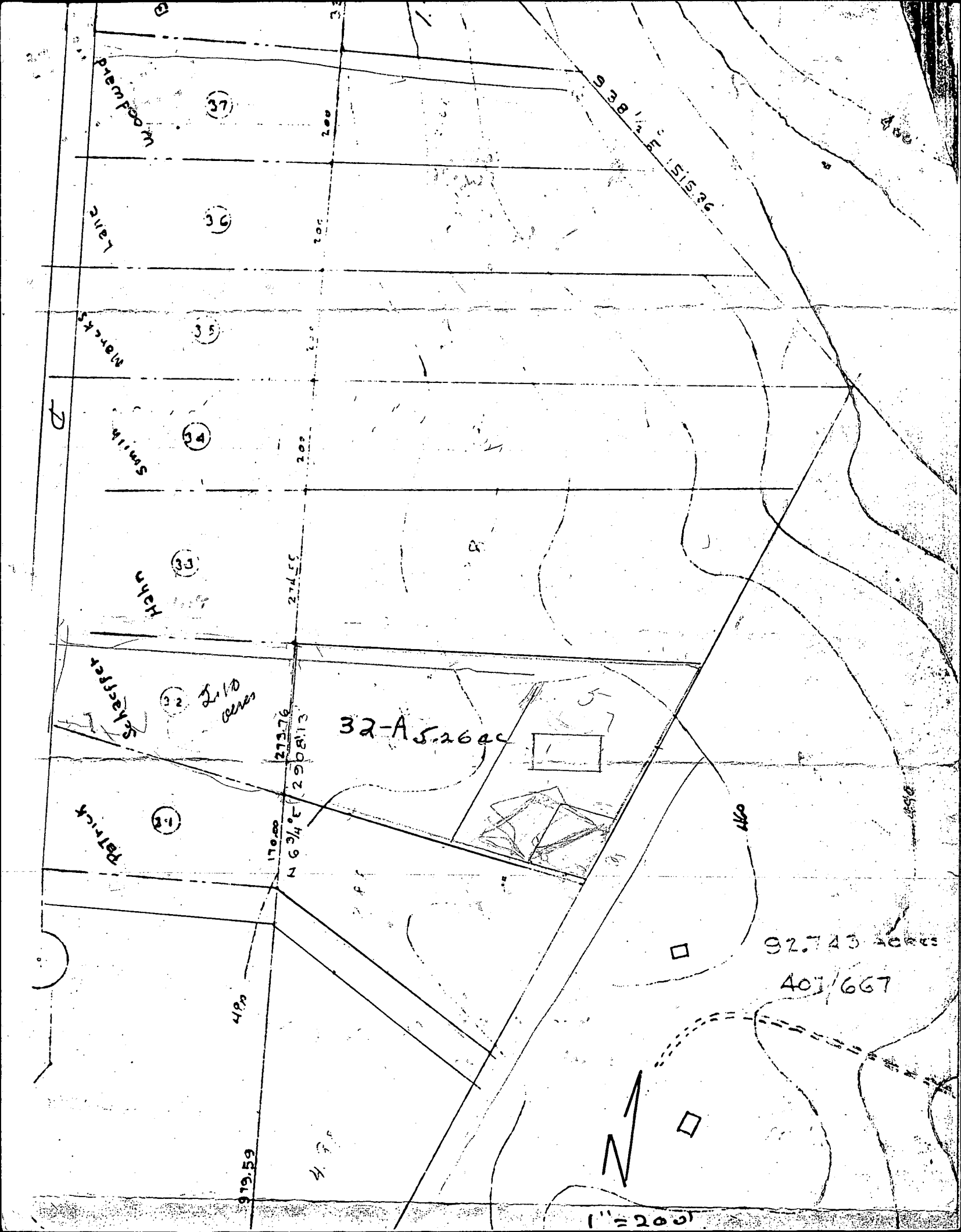
ROAD



7109 Deer Valley Rd  
Highland, MD.  
20777

N488700

E807500



Prem Poon

37

Laird

36

Marcks

35

Smith

34

Hahn

33

Kasper

32

2.10 acres

32-A 5.26 ac

Patrick

31

S 38 1/2 W 1515.26

274.55  
273.76  
170.00  
N 63/4 E 290.13

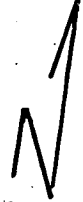
48.0

919.59

460

92.743 acres

401/667

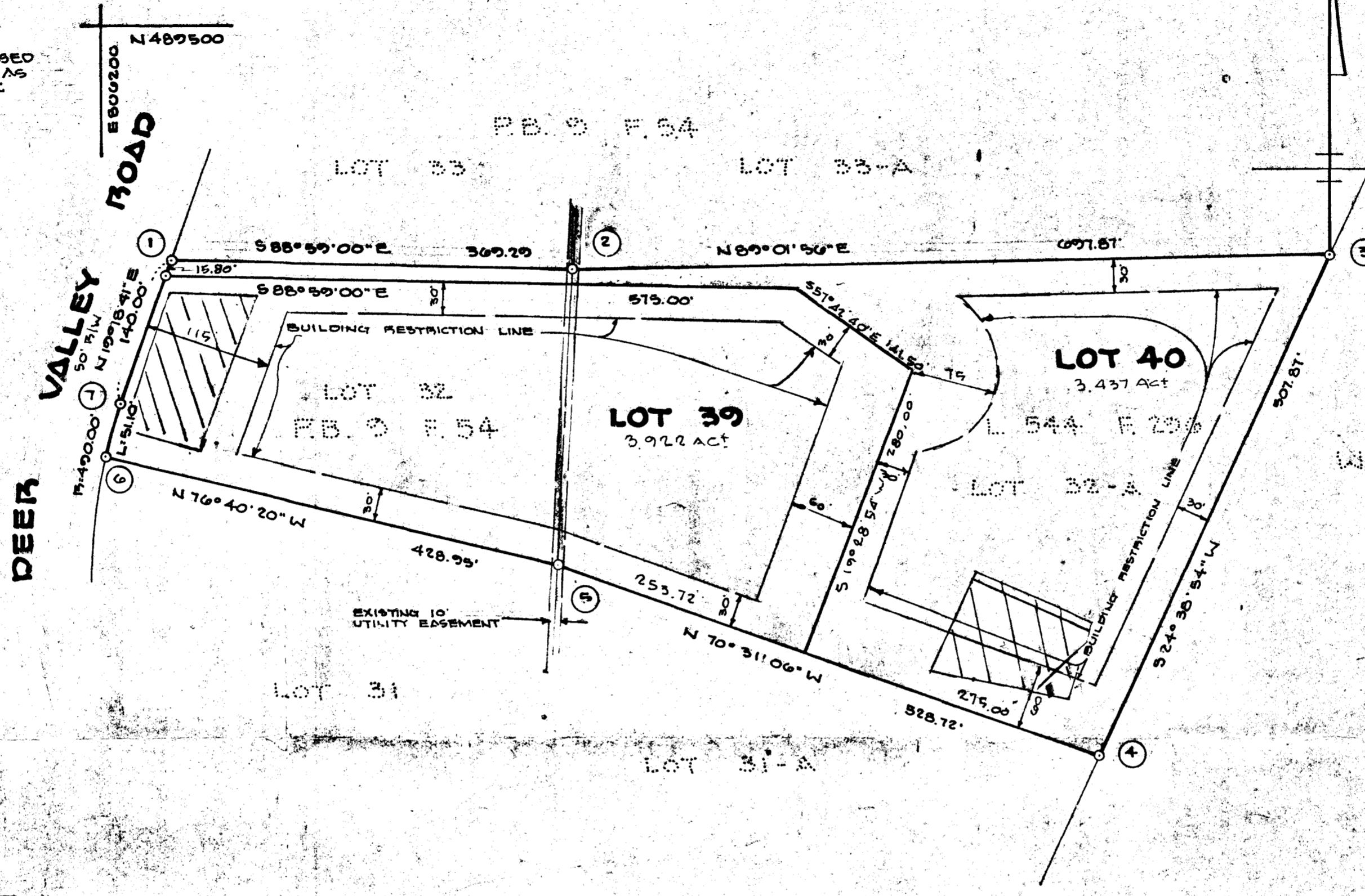
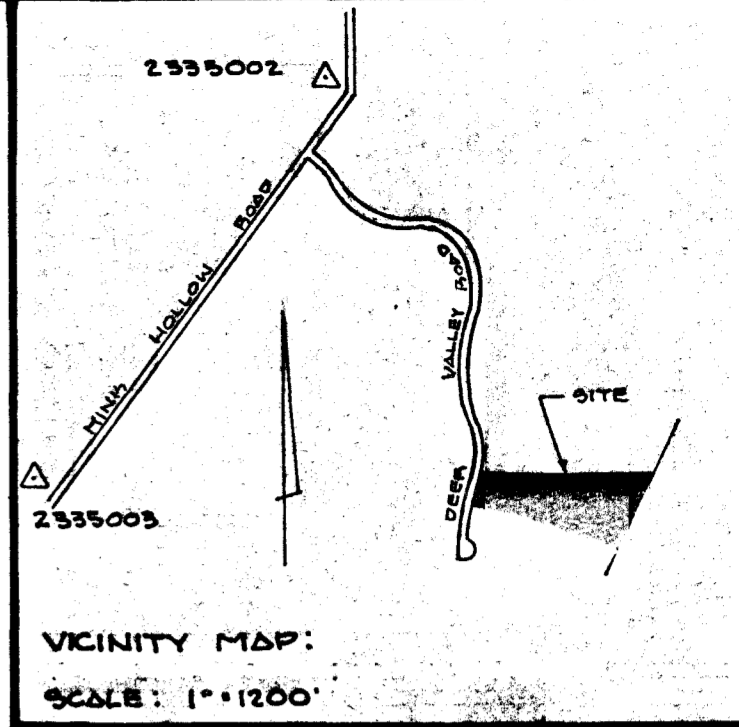


1" = 200'

**COORDINATES**

NO.	NORTH	EAST
1.	489284.60	806264.03
2.	489278.05	806233.26
3.	489289.84	807331.03
4.	488828.24	807112.22
5.	489004.57	806620.78
6.	489103.45	806203.39
7.	489152.47	806217.74

COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATION NUMBERS: 2335002 2335003



WALTERS THOMPSON  
L1264 - F. 107

- NOTES:**
1. SUBJECT PROPERTY ZONED "R" PER B-2-1965 COMPREHENSIVE ZONING PLAN
  2. SUBJECT TO V.P. 87-143.
  3. LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF MENTAL HEALTH AND HYGIENE.
  4. (C) INDICATES IRON B&B SET
  5. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM DRIVEWAY AND THE COUNTY MAINTAINED ROADWAY.
  6. THERE IS AN EXISTING STRUCTURE ON LOT 39. NO NEW BUILDING IS TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE HOWARD COUNTY ZONING REGULATIONS ALLOW.
  7. [Hatched Area] THIS AREA INDICATES A PRIVATE SEWERAGE EASEMENT OF A MINIMUM OF 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THE EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

LOT NO.	TOTAL LOT AREA	PIPE STEM AREA	RESULTING MIN LOT AREA
40	3.437 AC.	0.418 AC.	3.019 AC.

**TABULATIONS:**

TOTAL NUMBER OF LOTS TO BE RECORDED: 2  
 TOTAL AREA OF LOTS TO BE RECORDED: 7.359 AC.  
 TOTAL AREA OF ROADWAYS TO BE RECORDED: 0.00 AC.  
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 7.359 AC.

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

*[Signature]* 3-7-87  
 COUNTY HEALTH DEPARTMENT DATE

**APPROVED:** HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*[Signature]* 3.17.88  
 DIRECTOR DATE

**APPROVED:** FOR STORM DRAINAGE AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

*[Signature]* 3/1/88  
 DIRECTOR DATE

**SURVEYORS CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL OF THAT LAND WHICH BY DEED DATED THE DECEMBER 9TH, 1968 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 411 AT FOLIO 628 ETC. WAS GRANTED AND CONVEYED BY CISEL FARM INC. UNTO WILLIAM H. SCHAEFER AND ANN SCHAEFER, HIS WIFE, AND BY DEED DATED OCTOBER 28TH 1970 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY MARYLAND IN LIBER 544 AT FOLIO 296 ETC. WAS GRANTED AND CONVEYED BY THE WILD LIFE ACHIEVEMENT CLUB CHAPTER OF ELLEN WALTON LEAGUE OF AMERICA INC. UNTO WILLIAM H. SCHAEFER AND ANN SCHAEFER, HIS WIFE, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.



*[Signature]* Walter Parks  
 WALTER PARKS REG. L.S. NO. 5532 8/20/1987  
 DATE

**OWNERS CERTIFICATE**

WE WILLIAM H. SCHAEFER AND ANN SCHAEFER, HIS WIFE, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS FINAL PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES, ALL EASEMENTS OF RIGHTS-OF-WAYS ARE INCLUDED IN THIS PLAN OF SUBDIVISION. WITNESS OUR HANDS THIS 20th DAY OF AUGUST 1987.

*[Signature]* William H. Schaefer  
 WILLIAM H. SCHAEFER  
*[Signature]* Ann Schaefer  
 ANN SCHAEFER  
*[Signature]* Edward O. Hobbie  
 WITNESS

RECORDED AS PLAT NUMBER 7687 ON 3-23-1988 AMONG THE LAND RECORDS OF HOWARD COUNTY MARYLAND.

*[Signature]* CISEL FARM  
 SECTION 3  
 LOTS 39 AND 40  
 A RESUBDIVISION OF LOTS 32 AND 32-A  
 FIFTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 TAX MAP 40 PARCEL 235

SCALE: 1"=100' DATE: 8/20/87

ENGINEERS:  
 M. AND H. DEVELOPMENT ENGINEERS INC.  
 SUITE 231, HARRERS CHOICE VIL. CTY.  
 5485 HARRERS FARM ROAD  
 COLUMBIA, MARYLAND 21044

B 7 **7397** SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

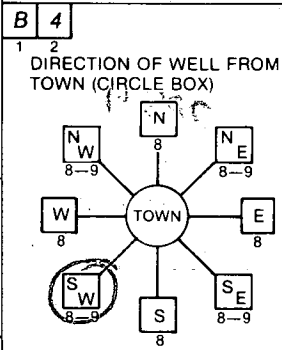
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

OEP PERMIT NUMBER  
**HO-81-2466**  
 fill in this form completely

Date Received **113087**  
 OWNER INFORMATION  
**SCHAEFFER WILLIAM**  
 Last Name Owner First Name  
**7109 DEER VALLEY RD**  
 Street or RFD  
**HIGHLAND MD 20777**  
 Town State Zip

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**ETHEL FARMS** SUBDIVISION  
 SECTION **3** LOT **40**  
**HIGHLAND** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **3** MI

DRILLER INFORMATION  
**Ralph MAYNE** License No. **273**  
 Firm Name **Ralph MAYNE (Well Drilling)**  
 Address **9170 Brown Church Rd. Mt Airy**  
 Signature **Ralph Mayne** Date **11/13/87**



**DEER VALLEY RD.** NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 DISTANCE FROM ROAD **1000** FT or MI **FT**

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 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)

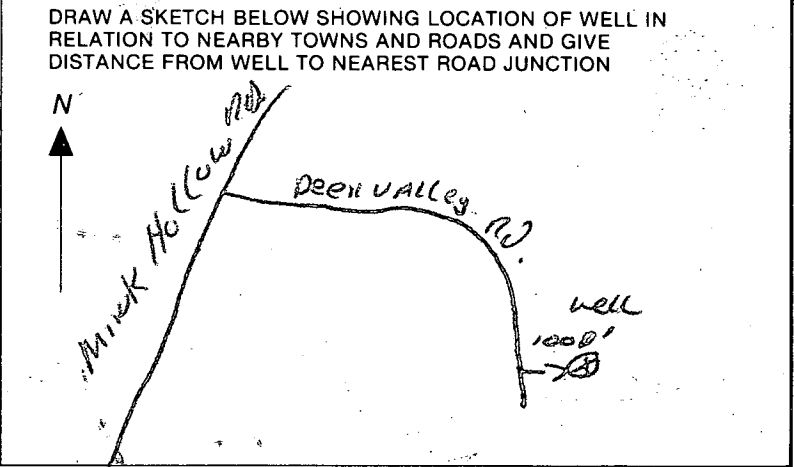
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
 COUNTY NAME **HOWARD** COUNTY NO. **A 38041**  
 OEP SIGNATURE **Craig Wilson** STATE HEALTH INSERT S   
 DATE ISSUED **6/4/88**  
 CO SIGNATURE **Craig Wilson** EXP. DATE  
 NORTH GRID **489000** EAST GRID **0807000**

APPROXIMATE DEPTH OF WELL **150** FEET  
 APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered)  JETTED  Jetted & DRIVEN  
 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)  
 CABLE  REVERSE-ROTARY  DRIVE-POINT  
 other \_\_\_\_\_

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 **8007**  
 N **4809**

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



Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 FORCE **CW** WRITE INITIALS IN BOX PERMIT No. **HO-81-2466**

SPECIAL CONDITIONS **854-2755**

C1 2069

SEQUENCE NO. (OEP 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 A38041

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

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 . 13

031488

22 265 26 (TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37 H0-81-2466

OWNER SCHAEFFER last name DEER VALLEY RD first name WILSON TOWN HIGHLAND

SUBDIVISION CIBSEL FARM SECTION LOT 40

WELL LOG

Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed) FEET FROM TO Check if water bearing

Table with 3 columns: Description, Feet From, Feet To. Rows include Top Soil, Sandy, Sand Stone, Micka, Sand Stone, Micka.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 11 NO. OF POUNDS 100

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 42 ft.

CASING RECORD

MAIN CASING Nominal diameter Total depth top (main) casing of main casing TYPE (nearest inch) (nearest foot)

Form for casing record with fields for PL, G, 48, 70

OTHER CASING (if used)

Form for other casing with diameter and depth fields

SCREEN RECORD

screen type or open hole insert appropriate code below STEEL BRASS OPEN HOLE PLASTIC OTHER

DEPTH (nearest ft.)

Form for screen depth with H0, 46, 265, 51

- 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" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 273
DRILLERS SIGNATURE [Signature]
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 6

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 45

WHEN PUMPING 88

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

PUMP INSTALLED

DRILLER WILL INSTALL PUMP? YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

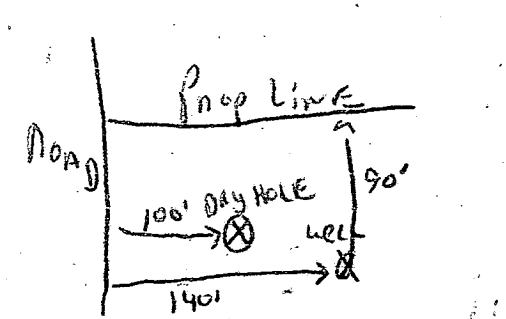
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

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)



HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement  98' M9 12 | (Receipt # 42596  
Date 9-14-88)  
Name of Installer Allen M. Van Souten Telephone 442-2221  
License Number 1862 Well Driller  Registered Plumber   
Name of Property Owner Wm. Schaefer Telephone 854-2755  
Subdivision Cressel Farms Lot # 40 Well Tag # HO-01-2466  
Site Address 7109 Pine Valley Rd.

Pump Motor Pitless Adapter  
1. Type 1. Horsepower 3/4 1. Make Hammond  
a. Deep well jet 2. RPM 2. Model #  
b. Shallow well jet 3. Voltage 3. Depth 3 ft  
c. Submersible  a. 110  
2. Make Grundfos b. 220   
3. Model # 56807412  
4. Capacity 5 GPM  
5. Pump exceeds well capacity Yes  No   
6. If Yes, is low pressure cutoff switch installed? Yes  No   
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other

Tank Piping Well data  
1. Capacity 42 1. Type #160 1. Depth      ft.  
2. Pressure relief 2. Size 1" 2. Yield      GPM  
valve? yes 3. NSF and/or BOCA 3. Static water  
Code approved yes level      ft.  
4. Depth of supply 4. Will water supply  
line 3 ft be disinfected by  
installer? Yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]  
Date: Sept 14, 1988

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

519.00'

70° B. R. L.

LOT 40

2.437 AC±

N 57° 42' 40" W 141.50'

141.50'

LOT 39

70° B. R. L. 173±

280.00'

70° B. R. L.

507.87'

N 19° 28' 54" E 30° B. R. L.

DISTR. BOX  
EXIST. EL. 135.0 ✓  
I.W. 132.5 ✓  
BOTTOM TRENCH 128.5 ✓

TANK  
EXIST. EL. 135.0 ✓  
I.W. OUT 133.1 ✓  
I.W. IN. 133.4 ✓

I.W. @ HOUSE 133.8 ✓  
(-BSMT)

2-TRENCHS 2' X 4' X 35'  
BS.MT 131.0 ✓  
F.F. 140.0 ✓

TO SEWER BASEMENT.  
ELEV. OF BASEMENT  
WOULD HAVE TO BE  
4" HIGHER.

N 70° 31' 55" W

275.00'

524° 38' 54" W

Sufficient for 48±'s

EXISTING WELLS

FF 140.0 ✓  
BSMT 131.0 ✓

LOT 40 CISSEL FARM  
SECTION 7 LOTS 39 & 40  
RESUB. LOTS 32 & 32A PLAT  
5<sup>TH</sup> ELECTION DISTRICT  
HOWARD CO. MD  
SCALE 1"=30' APRIL 25, 1988

F-88-84

BLDG. PERMIT SIGNED  
AND RETURNED 5-5-88

BP# 18265  
SAL