

6/16/00 C.O. 2-3pm

6/19/00

2-3

6/20/00  
10:30

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513276

A 32562

DISTRICT \_\_\_\_\_

DATE 2/22/00

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 6/20/00

INSPECTOR DKS

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-4197

SUBDIVISION Property of F.C.C. LOT 2 ROAD 1760 Daisy Road

PROPERTY OWNER Jacobsen Homes, LLC

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 83' and 517.14' lot lines, place the distribution box 225 feet down the 517.14' lot line and 155 feet off this same lot line as seen from the pipestem off Daisy Road. Run trenches along contour towards the rear of the lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 1/4/00 S.N. (BA)

PLANS APPROVED BY Donna K. Soe DATE 12/21/99

COVER NO WORK UNTIL INSPECTED AND APPROVED

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

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

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

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

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 35/40 PVC OR ABS

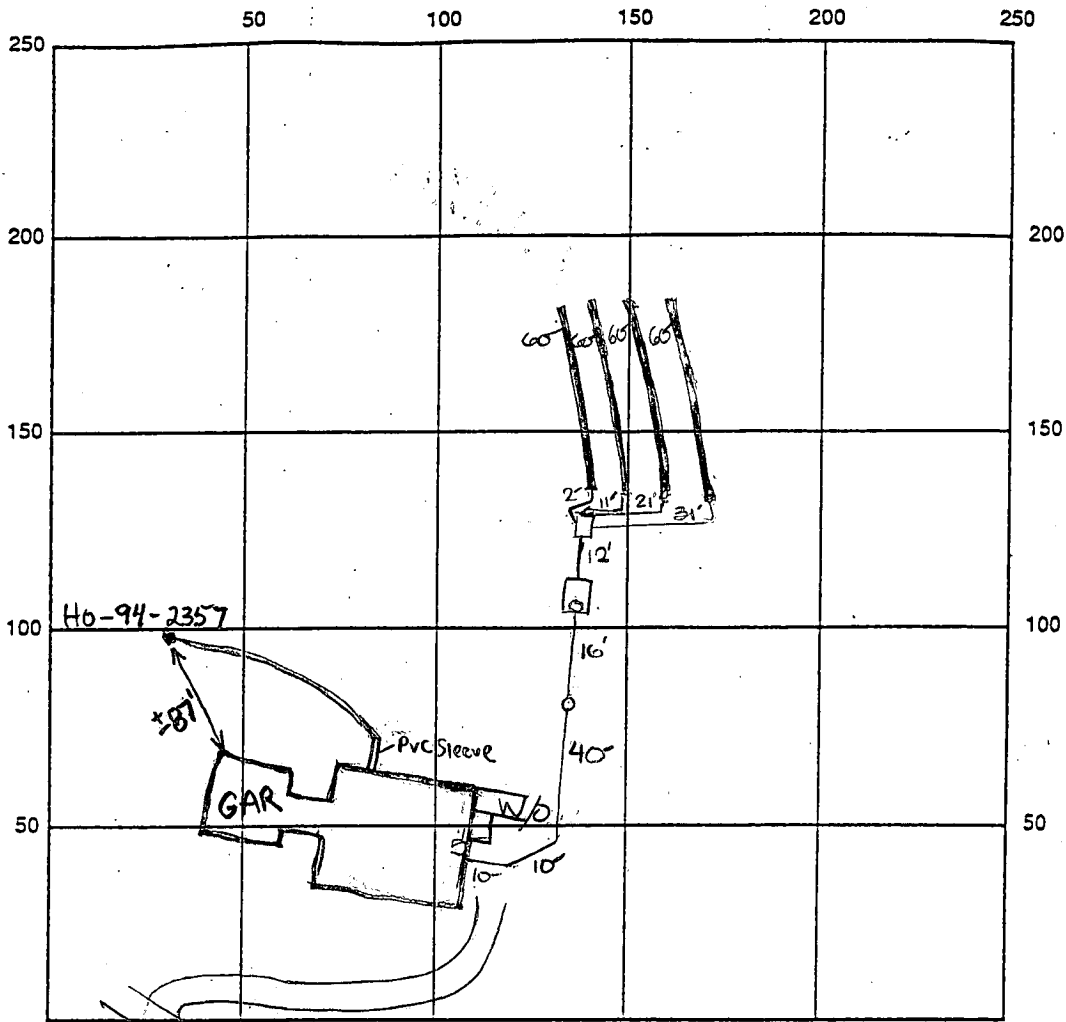
PERMIT VOID AFTER TWO YEARS

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

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 32562



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

*Daisy Road*

SEPTIC TANK LEVEL OK-1500 gal t.s. CLEANOUTS one in line

DISTRIBUTION BOX LEVEL OK-baffle

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 3 FT. TOTAL LENGTH 240 FT.

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

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 6/16/00 No Work Done. BB  
6/19/00 OK to cover from house to dist. box and first  
two trenches. OK to continue work. DKS  
6/20/00 FINAL INSP - OK to cover all septic work. DKS

DATE SYSTEM APPROVED 6/20/00 INSPECTOR DKS

STEPHEN & MADELYN

SPRINGER

1760 DAISY ROAD  
LISBON, MD 21765

489,4594

517.14'

10' W  
Q

70'

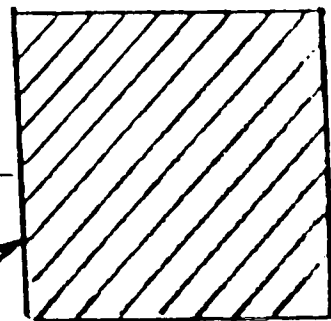
83.00'

30'

78'

60'

365.00'



SEPTIC AREA



PROPOSED BARN  
LOCATION

EXISTING  
FENCING

LOT #2  
4.813 AC ±

BUILDING RESTRICTION LINE

10' W  
Q

540.00'

PROPOSED PERK  
SITE: 19,687sq'

175'

145'

307.68'

LOT #

6/21/2000 AM.  
6/22/2000 AM

Fact#  
4103132648

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

481-9933  
410 313 2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement   
 Name of Installer Ben Lewicki Telephone 3014283900  
 License Number 11202 Certified Well Pump Installer  Well Driller  Registered Plumber   
 Name of Property Owner Jacobson Horner Telephone 4107927172  
 Subdivision LIS BOND Lot # 2 Well Tag # HO-99-2357  
 Site Address 1760 PAISY RD

Pump  
 1. Type  
 a. Deep well jet   
 b. Shallow well jet   
 c. Submersible   
 2. Make Dallas  
 3. Model # \_\_\_\_\_  
 4. Capacity \_\_\_\_\_ 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 \_\_\_\_\_

Motor  
 1. Horsepower 1/3  
 2. RPM \_\_\_\_\_  
 3. Voltage \_\_\_\_\_  
 a. 110 \_\_\_\_\_  
 b. 220

Pitless Adapter  
 1. Make Campbell  
 2. Model # B-300X  
 3. Depth 42"

Tank  
 1. Capacity \_\_\_\_\_  
 2. Pressure relief valve? yes

Piping  
 1. Type 200PSI  
 2. Size 1 1/2"  
 3. NSF and/or BSCA Code approved yes  
 4. Depth of supply line \_\_\_\_\_

Well data  
 1. Depth 240 ft.  
 2. Yield \_\_\_\_\_ GPM  
 3. Static water level 30 ft.  
 4. Will water supply 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: 6/22/2000

6/21/00 - WPI partially OK  
 2 piece cap on  
 PVC conduit OK  
 Pitless adapter OK  
 Line at house needs sleeving (SRH)  
 Depth OK

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

HD-215 6/22/00 - Sleeving at house OK WPI OK (SRH)

5 SHOWN ON PLAN. (1 day)  
AND STABILIZE THE SITE. (2 days)  
( 90 days)  
AND PERMISSION IS GRANTED FROM  
TOR. REMOVE SEDIMENT CONTROLS  
DISTURBED AREAS.

AREAS LIKELY TO BE REDISTURBED  
/E COVER IS NEEDED.

SOIL BY RAKING, DISCING  
BEFORE SEEDING.

10 FERTILIZER (14 LBS./1000 SQ. FT.)

ROUGH APRIL 30, AND AUGUST  
WITH 1 1/2 BUSHEL PER ANNUAL  
HE PERIOD MAY 1 THRU AUGUST 14.  
ING LOVEGRASS (.07 LBS./1000SQ.FT.).  
HRU FEBRUARY 28. PROTECT SITE BY  
WELL ANCHORED STRAW MULCH AND  
THE SPRING, OR USE SOD.

RE (70 TO 90 LBS./1000 SQ.FT.)  
AW IMMEDIATELY AFTER SEEDING.  
TER APPLICATION USING MULCH  
NS PER ACRE (5 GAL./1000 SQ.FT.)  
T ACRES, ON SLOPES 8 FEET OR HIGHER,  
GAL./1000 SQ.FT.) FOR ANCHORING.

E STABILIZED AS FOLLOWS:

OF SOIL BY RAKING, DISCING  
5 BEFORE SEEDING.

30 LONITIC LIMESTONE (92 LBS./  
R ACRE 0-20-20 FERTILIZER  
SEEDING HARROW OR DISC.  
SOIL AT TIME OF SEEDING.  
-0-0 UREAFORM FERTILIZER  
LBS. PER ACRE 0.15 LBS./  
TILIZER.

ROUGH APRIL 30, AND AUGUST  
WITH 100 LBS. PER ACRE (2.3  
Y 31 TALL FESCUE, FOR THE  
31, SEED WITH 60 LBS/ACRE  
KY 31 TALL FESCUE AND  
,000 SQ.FT.) OF WEEDING  
10 OF OCTOBER 15 THROUGH  
BY: OPTION (1) - TWO TONS PER  
RAW MULCH AND SEED AS SOON AS  
ION (2) - USE SOD; OPTION (3) -  
TUCKY 31 TALL FESCUE AND MULCH  
ANCHORED STRAW. ALL SLOPES SHOULD

ACRE 00 TO 90 LBS./1000 SQ.FT.)  
TRAW IMMEDIATELY AFTER SEEDING.  
AFTER APPLICATION USING 200  
,000 SQ.FT.) OF EMULSIFIED  
SLOPES 8 FEET OR HIGHER USE  
AL./1000 SQ.FT.) FOR ANCHORING.

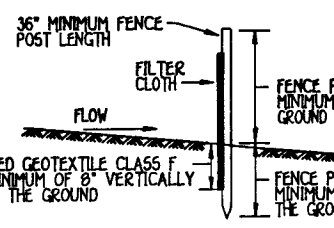
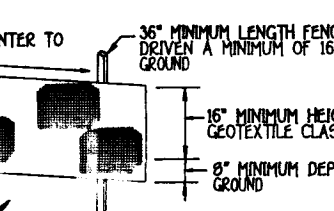
AND MAKE NEEDED REPAIRS,  
IGS.

UTE CHEMUNG CROWN VETCH AT 15  
31 TALL FESCUE AT 40 LBS/ACRE AS  
OPTIMUM SEEDING DATE FOR THIS  
APRIL 30.

5 TOPSOIL MUST MEET THE FOLLOWING:  
LAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND.  
BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE  
RDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING  
15 THAN 5 % BY VOLUME OF CINDERS, STONES, SLAG, COARSE  
OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.

PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS,  
AS SPECIFIED.

OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE  
200-400 POUNDS PER 1,000 SQUARE FEET PRIOR TO THE PLACEMENT  
UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL  
AS DESCRIBED IN THE FOLLOWING PROCEDURES.



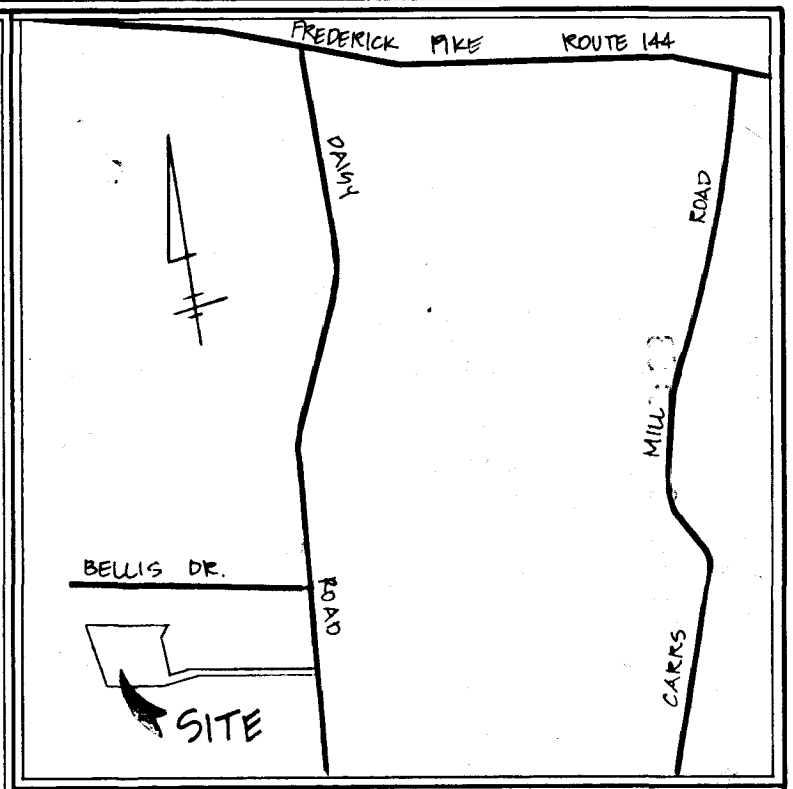
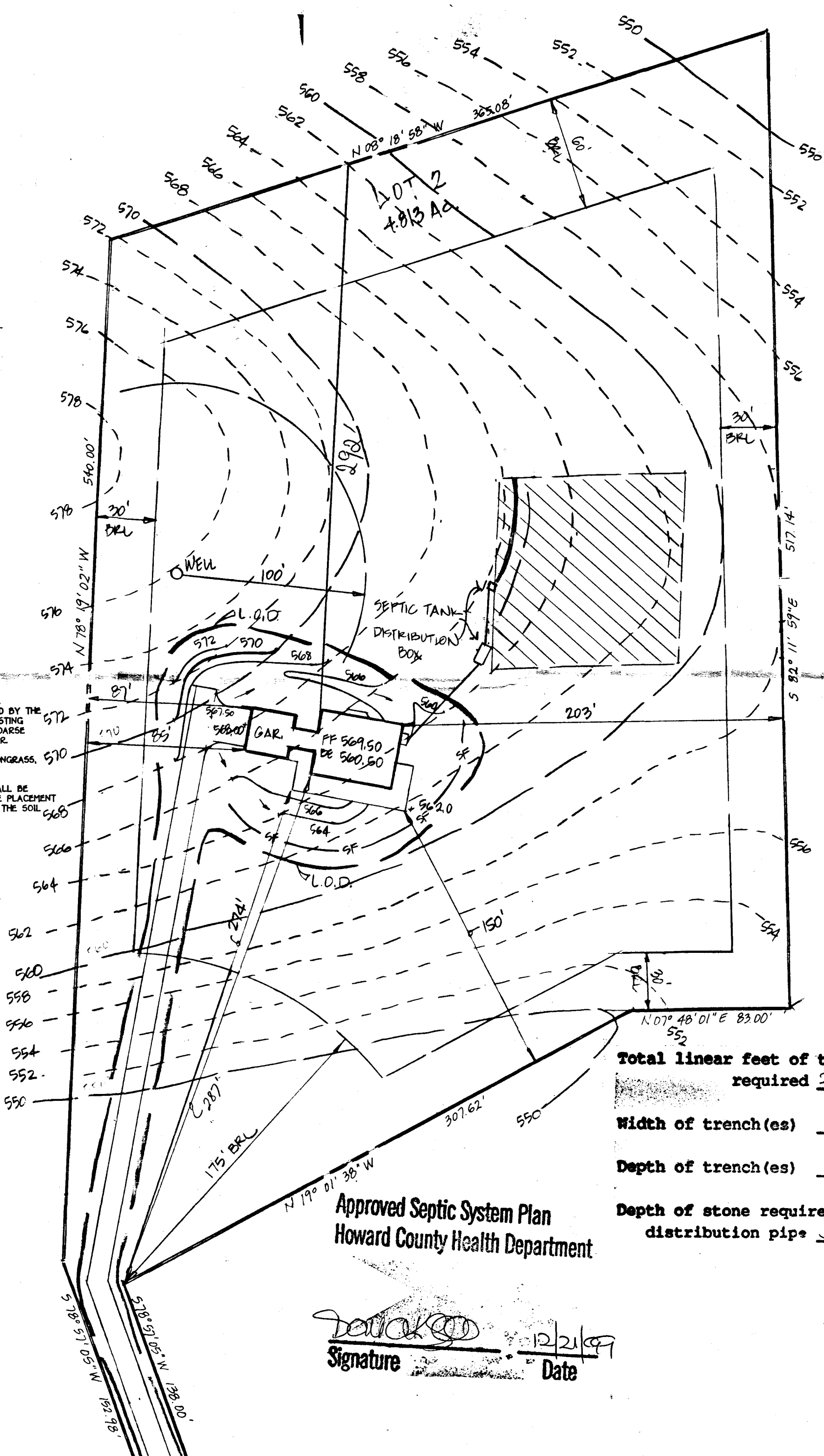
struction Specifications  
num of 36" long driven 16" minimum into the  
7/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter  
of sound quality hardwood. Steel posts will be  
tying not less than 1.00 pond per linear foot.  
id securely to each fence post with wire ties  
ition and shall meet the following requirements

50 lbs/in (min) Test: MSHMT 509  
20 lbs/in (min) Test: MSHMT 509  
0.3 gal ft<sup>3</sup>/minute (max) Test: MSHMT 322  
5% (min) Test: MSHMT 322

fabric come together, they shall be overlapped,  
sediment bypass.

ed after each rainfall event and maintained when  
accumulation reached 50% of the fabric height.

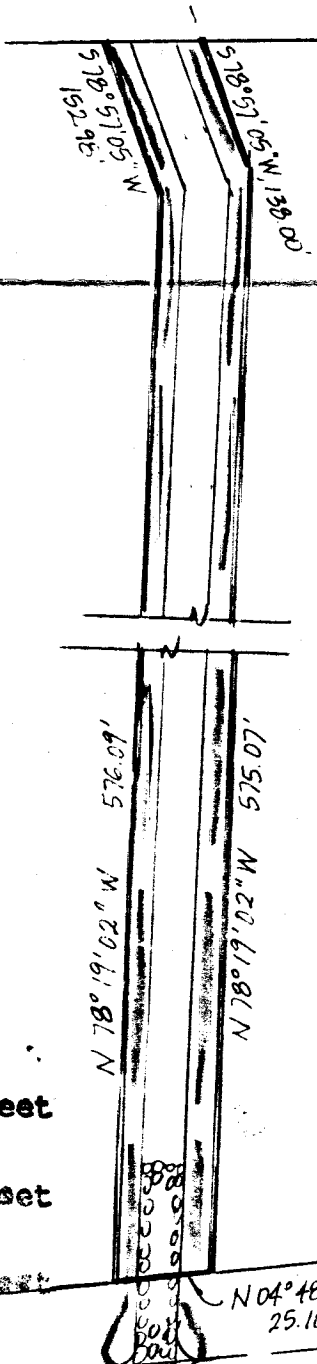
LT FENCE  
T TO SCALE



VICINITY MAP  
SCALE: 1"=2000'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 569.50  
B. BASEMENT ELEVATION: 560.50  
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 563.00  
D. INVERT IN AT SEPTIC TANK: 562.00  
E. INVERT OUT AT SEPTIC TANK: 561.00  
F. PROPOSED GRADE OVER SEPTIC TANK: 564.00  
G. INVERT AT DISTRIBUTION BOX: 564.50  
H. EXISTING GROUND OVER DISTRIBUTION BOX: 564.00 565.5
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.



Total linear feet of trench required 240 feet  
Width of trench(es) 2 feet  
Depth of trench(es) 7 feet  
Depth of stone required below distribution pipe 3 feet

Approved Septic System Plan  
Howard County Health Department

Signature: [Signature] Date: 12/21/99

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT  
LOT 2  
Property of FISHER, COLLINS AND CARTER, INC.  
LOTS 1-3  
TAX MAP #7 PARCEL #140  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1"=50' DATE: NOVEMBER, 1999

# APPLICATION

A 32562

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4th  
DATE 3-15-1983

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.

JACOBSEN HOMES LLC Stephen B. + Madelyn S. Springer  
5717 Bellis Drive, Woodbridge, Md 21797

PROPERTY OWNER F.C.C. PARTNERSHIP (CONTRACT PURCHASER)

ADDRESS 8388 COURT AVE, ELLICOTT CITY, MD. PHONE 489-4594  
461-2855

PROPERTY LOCATION: W/3 DAISY ROAD APPROX. 3600' FT. SOUTH OF MD. ROUTE 144

SUBDIVISION OLAND PROPERTY LOT NO. 404? 2

ROAD AND DESCRIPTION FRONTS 25' ALONG DAISY ROAD 1760  
380 505  
365 515

SIZE OF LOT 4.8 ACRES TYPE BLDG. 3  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Ronald S. Carter

APPROVED BY [Signature] FOR \_\_\_\_\_ DATE 3/16/83  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

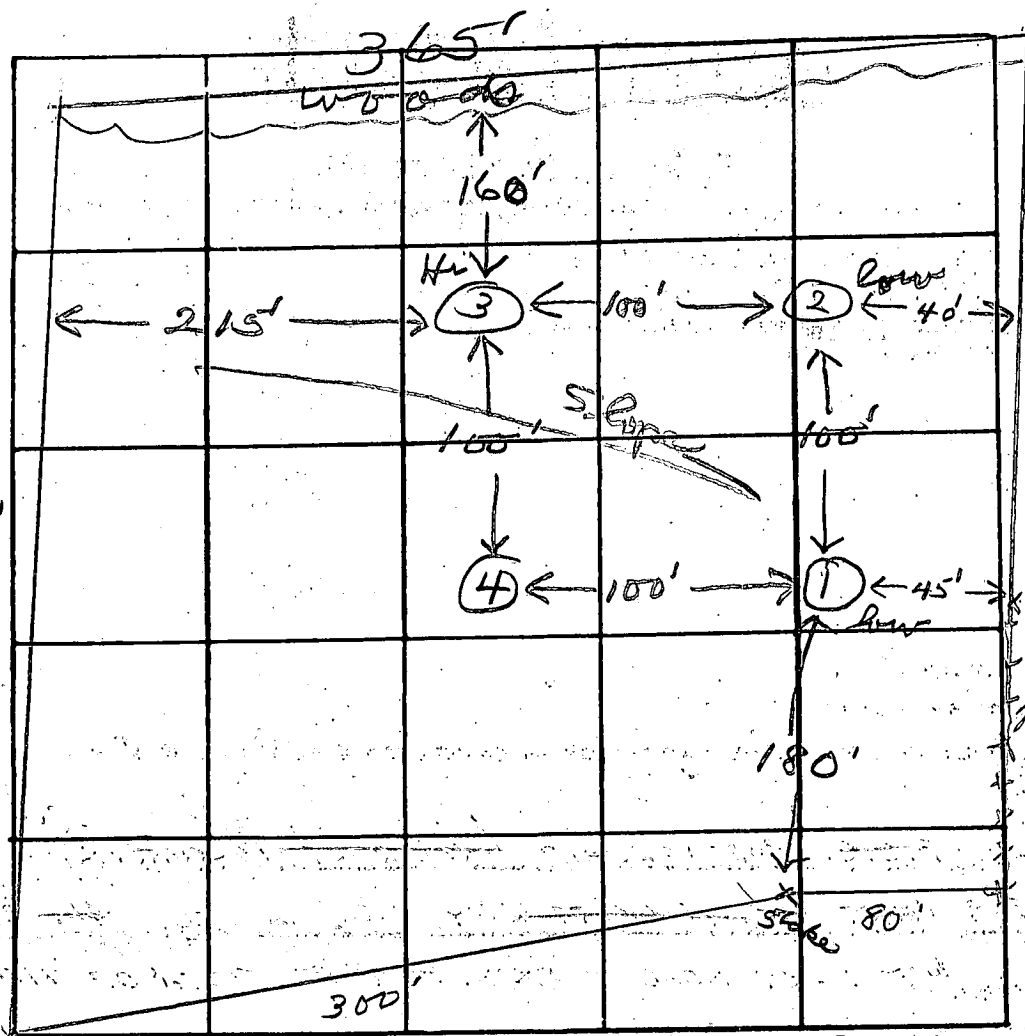
2/11/83 Spencer W. Miller 3/11

800121632 12/23/82  
SFD-4 BRMS

BLDG. PERMIT SIGNED  
AND RETURNED 4/24/83  
Serial 5847 Barn-

# THIS IS NOT A PERMIT

Lot 4



all holes clay  
 3  
 Mica  
 Exam  
 Shaly at 12'  
 12'

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST. DROP		TIME
			START	STOP	START	STOP	
3/28/83	1 S M	7	11:40	11:45	11:45	11:50	5
			11:40	11:45	11:45	11:50	5
	2 S M	7	11:50	11:53	11:53	11:57	4
			11:57	12:01	12:01	12:05	4
	3 S M	7	12:10	12:14	12:14	12:19	5
			12:10	12:14	12:14	12:19	5
	4 ✓	12					

REMARKS Holes #1 & #2 same elevation

TYPE OF SOIL \_\_\_\_\_

TESTED BY [Signature] ALSO PRESENT: Fryock

# APPLICATION

4-10-89  
11:30 AM

PERCOLATION TESTING

A 43726

P \_\_\_\_\_

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

*Final Develop. to Dig*

DISTRICT \_\_\_\_\_

DATE 3/14/89

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 Stephen B. & Madelyn S. Springer

ADDRESS 15817 Bellis Drive, Woodbine, MD 21797 PHONE 301/489-4594

PROSPECTIVE BUYER n/a

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

PROPERTY LOCATION: 1760 Daisy Road, Lisbon, MD 21765

SUBDIVISION FCC Partnership LOT NO. #2

ROAD AND DESCRIPTION Panhandle lot with gravel & asphalt road to site. Access from Daisy Road.

TAX MAP 1165 PARCEL # 467

SIZE OF LOT 4.813± A TYPE BLDG. single family

NOTE: This is a re-perk in order to make the building site more convenient to building site. PERK 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.

*Madelyn S. Springer*  
(SIGNATURE OF APPLICANT)

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

REJECTED BY REFRIN/Williams FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING ORIGINAL SEPTIC AREA (A32562) OK, THIS ADJUSTMENT DISAPPROVED, DEEP CLAY/ROCK

HD-216

# THIS IS NOT A PERMIT

SOIL PROFILE

6" 0' top soil

org brn silty clay

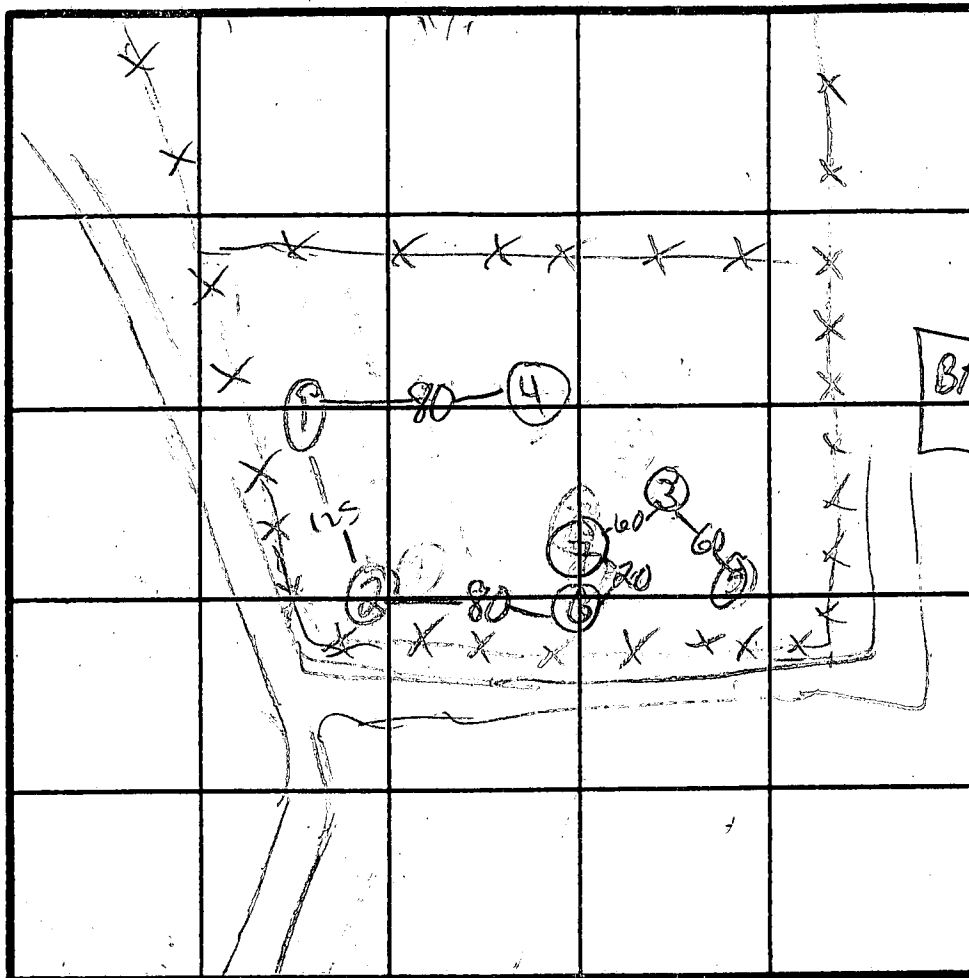
4-5' loam

org brn fine silt loam

8' clay?

org brn fine silt loam

11 1/2' frags (some large frags) low mica



(2) LO

DAISY RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/10/89	1 S	5	1:45	1:51	1:51	2:02	11	
	1 M	8	1:45	2:00	2:00	2:21		21
	1 V	11 1/2	see profile					
	2 S	5 1/2	1:49	DID NOT MOVE			12	
	2 M	6 1/2	2:22	2:28	2:28	2:46		(FAILS)
	2 V	13	clay	40	5' 15-20% frags			
	3 S	5	2:19	DID NOT MOVE			30	
	3 M	8	2:05	2:22	2:22	2:52		(FAILS)
	3 V	11 1/2	silt to (1) clay to 5' 25% frags clay at 8?					
	4 S		2:31	2:46	2:46	4:08	22	
	4 V							
	3 S <sub>2</sub>	6	2:58	DIDN'T MOVE			(FAILS)	
	5		NOT PERC'D					

REMARKS ALL FAIL

TYPE OF SOIL

TESTED BY M. Rifkin

ALSO PRESENT

Herman Sirkass't, homeowner

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 3/14/89

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Stephen B. & Madelyn S. Springer

ADDRESS 15817 Bellis Drive, Woodbine, MD 21797 PHONE 301/489-4594

PROSPECTIVE BUYER n/A

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

PROPERTY LOCATION: 1760 Daisy Road, Lisbon, MD 21765

SUBDIVISION FCC Partnership LOT # 2

ROAD AND DESCRIPTION Panhandl lot with gravel & asphalt road to site. Access from Daisy Road.

TAX MAP 7 1165 PARCEL # 140 467 Lot 2

SIZE OF LOT 4.813± A TYPE BLDG. single family

NOTE: This is a re-perk in order to make the building PERK SINGLE FAMILY DWELLING OR COMMERCIAL

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WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

*Madelyn S. Springer*  
(SIGNATURE OF APPLICANT)

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

REJECTED BY RIFKIS/ WIL 1299 FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

HD-216

# THIS IS NOT A PERMIT

SOIL PROFILE

0


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

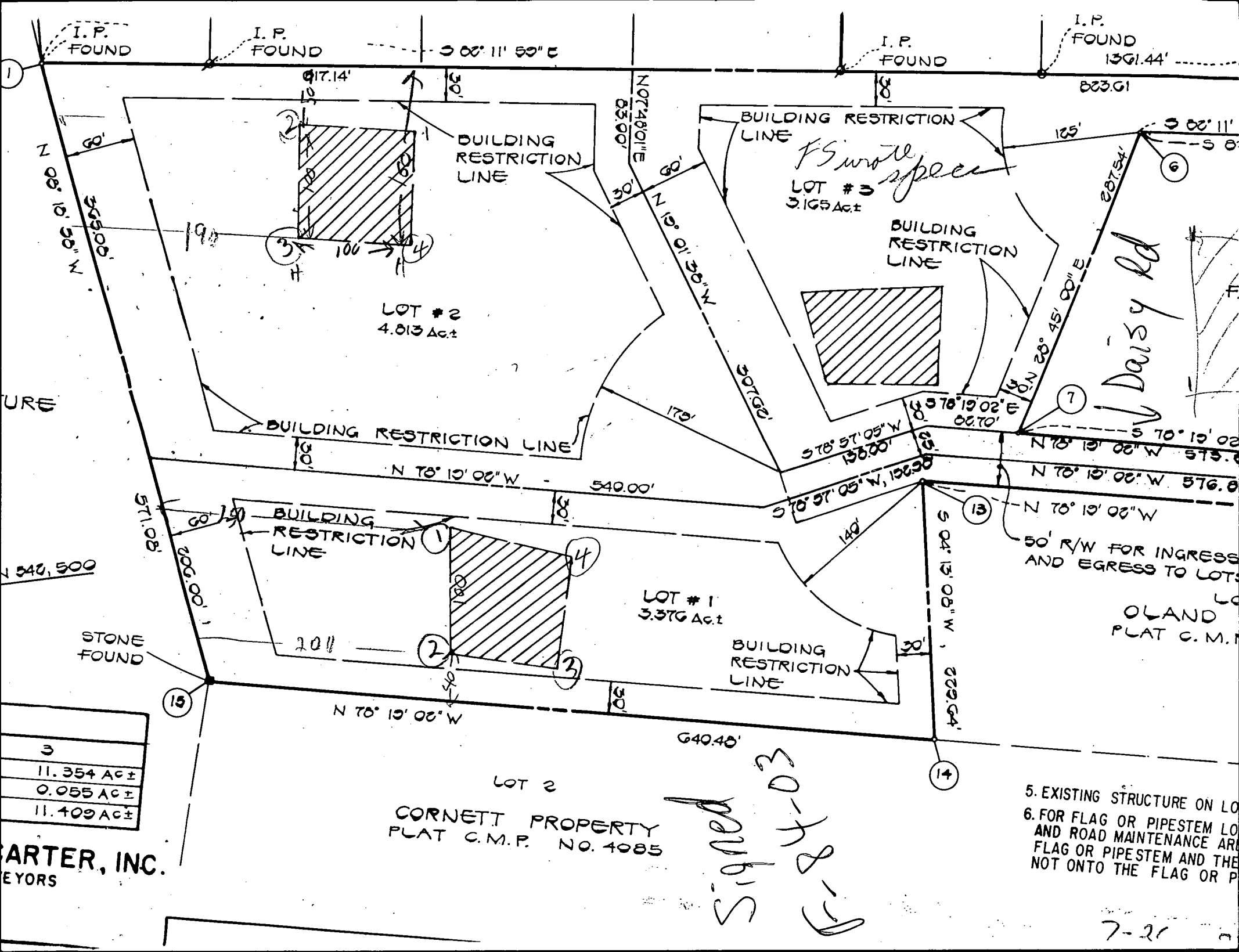
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/10/89	6S	6	4:12	DID	NOT	MOVE	
	7	5	SIM	TO	(6)		

FAILS

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

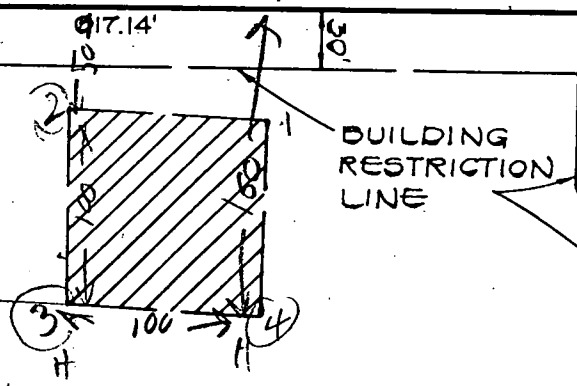
TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_



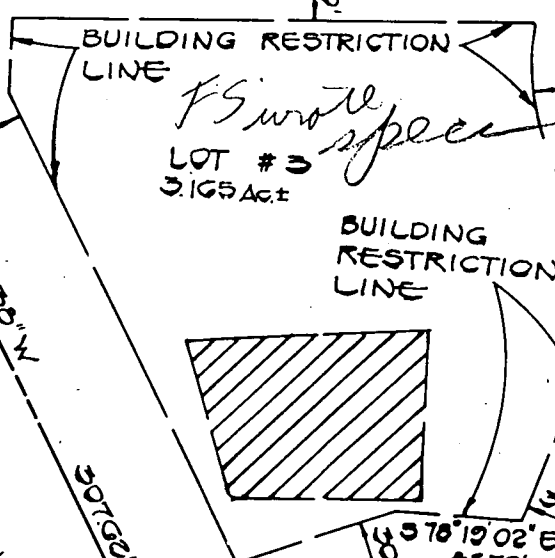
1  
N 06° 01' 50" W  
5650.0'

I.P. FOUND  
I.P. FOUND  
S 00° 11' 50" E

I.P. FOUND  
I.P. FOUND  
1361.44'  
823.61



LOT # 2  
4.813 Ac±



Daisy Rd

6  
7

BUILDING RESTRICTION LINE

N 78° 13' 00" W - 540.00'

S 78° 57' 05" W  
1380.00'

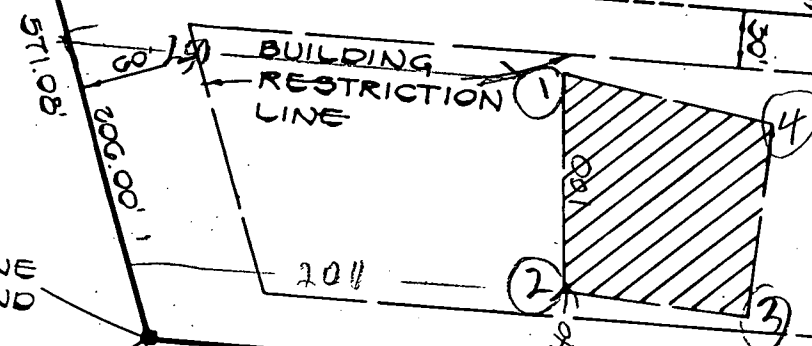
S 78° 57' 05" W, 1380.00'

N 78° 13' 02" W 573.0'

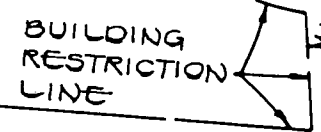
N 78° 13' 02" W 576.0'

N 70° 13' 00" W

N 70° 13' 00" W



LOT # 1  
3.376 Ac±



50' R/W FOR INGRESS AND EGRESS TO LOTS

OLAND PLAT C.M.P.

15  
N 70° 13' 00" W  
640.48'

14  
S 04° 13' 08" W  
2229.24'

LOT 2  
CORNETT PROPERTY  
PLAT C.M.P. NO. 4085

*Signed K-84-03*

3
11.354 Ac±
0.055 Ac±
11.409 Ac±

ARTER, INC.  
EYORS

5. EXISTING STRUCTURE ON LOT  
6. FOR FLAG OR PIPESTEM LOT AND ROAD MAINTENANCE ARE NOT ONTO THE FLAG OR PIPESTEM AND THE

C1 06677 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER 32562 PERMIT NO. HO-94-2357

ST/CO USE ONLY DATE Received MM DD YY DATE WELL COMPLETED MM PP YY Depth of Well 22 440 26 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2357

OWNER: Jacobsen Homes L.L.C. STREET OR RFD: 1760 Daisy Road TOWN: Lisbon SUBDIVISION: SECTION LOT 2

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. Brown shale 0 57 Blue Rock 57 440

GROUTING RECORD (yes) (no) WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 22 NO. OF POUNDS 2068 GALLONS OF WATER 132 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 52 ft.

CASING RECORD (casing type's insert appropriate code below) MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 60

OTHER CASING (if used) diameter inch depth (feet) from to

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

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.

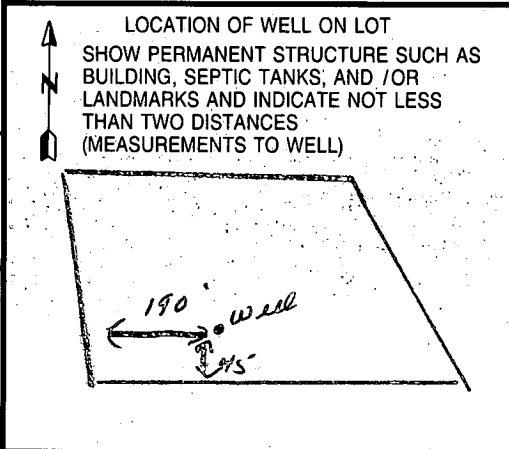
DRILLERS LIC. NO. 1 M 30024 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 M SD027 SITE SUPERVISOR (Sign of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) 110 159 440

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

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 1.4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 66 ft. WHEN PUMPING 400 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES) (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) 37 CASING HEIGHT (circle appropriate box and enter casing height) above LAND SURFACE below (nearest foot)



B 1 7439 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER HO-94-2357 fill in this form completely

OWNER INFORMATION Date Received (APA) 07 19 99 Jacobsen Homes L.L.C. 9409 Elizabeth Way Fulton Md. 20759

LOCATION OF WELL Howard Lisbon Md. 21242 Lisbon

DRILLER INFORMATION Joseph L. Mayne M.S.D. 24 Joseph L. Mayne Well Drilling 5572 Ridge Rd. Mt. Airy Md. 21775 7/16/99

DIRECTION OF WELL FROM TOWN Daisy Road. ON WHICH SIDE OF ROAD DISTANCE FROM ROAD 2/10 ENTER FT OR MI 38 39 TAX MAP 7 BLK 24 PARCEL 140

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard 32562 COUNTY NAME COUNTY NO. DATE ISSUED 08 04 99 Steven R. Krieg 08 04 00

USE FOR WATER (CIRCLE APPROPRIATE BOX) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

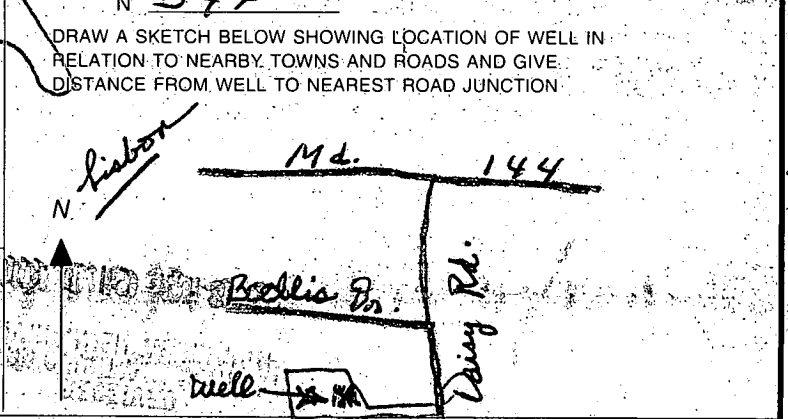
APPROXIMATE DEPTH OF WELL 300 FEET

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

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTARY JETTED AIR-PERCussion ROTARY (Hydraulic Rotary) DRIVE POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) THIS WELL WILL NOT REPLACE AN EXISTING WELL

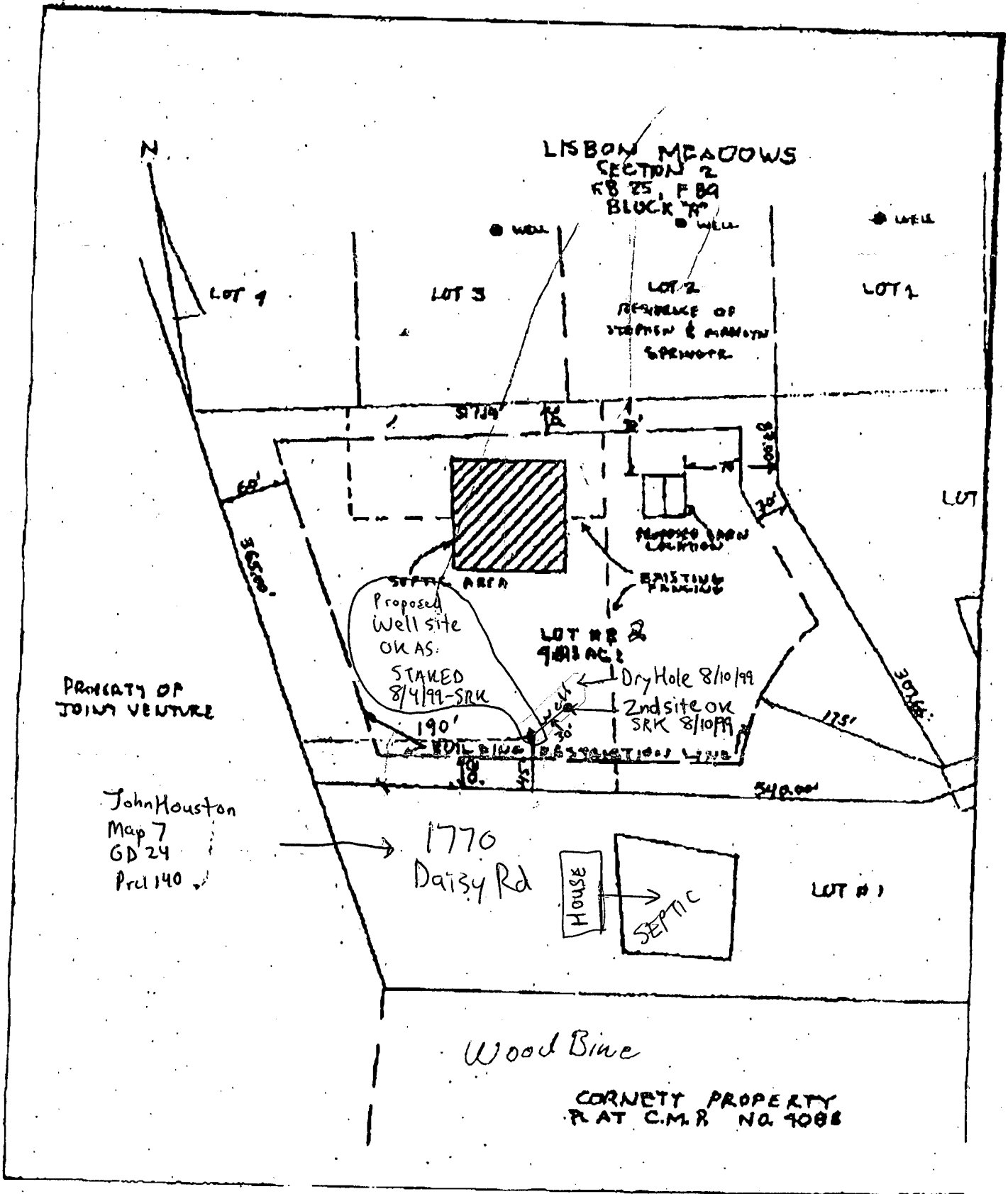


Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 G A P PERMIT No. HO-94-2357

7/31/98

0:10 AM

1/1



Lot #2 Daisy Road

Sub - Prop. of Fisher Collins and Carter Inc.

**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 94-2357  
 Location of property (road) 1760 Daisy Road  
 Subdivision \_\_\_\_\_ Lot 2 Block 24 Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Joseph Mayne Owner Jacobsen Homes  
 Depth of well 440'  
 Distance of measuring point (M.P.) above ground 1'  
 Static water level (S.W.L.) below M.P. 66'

**I. High rate pumping -- reservoir drawdown**

Time pump started 7:00 Pumping rate 20 gpm.  
 Total time 45 min to reach pumping water level 900 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 5/1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:15	202'	3 sec.	N/A	20 gpm.
7:30	300'	4		15
7:45	400	4		15
8:00	398	60		1
8:15	398	60		1
8:30	397	60		1
8:45	396	60		1
9:00	396	60		1
9:15	395	60		1
9:30	393	60		1
9:45	391	47		1.2
10:00	391	47		1.2
10:15	391	47		1.2
10:30	390	47		1.2
10:45	390	47		1.2
11:00	388	47		1.2
11:15	388	42		1.4
11:30	388	42		1.4
11:45	390	42		1.4
12:00	390	42		1.4
12:15	390	42		1.4
12:30	390	42		1.4
12:45	390	42		1.4
1:00	390	42		1.4

HD-224 1:15 390  
 1:30 390  
 1:45 390

42  
 42  
 42

1.4  
 1.4  
 1.4