

1-13-98

1130 C.O.

2/12/99

H/C 2/1 A.M. (if possible)

*look for Jim

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511149

A 37746

DISTRICT 1

DATE 12-11-98

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 2-10-99

INSPECTOR AM

INDEXED

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

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

SUBDIVISION Pfau Property LOT 1 ROAD 4811 ROYAL COACHMAN DRIVE
4937 Landing Road

PROPERTY OWNER Mr. and Mrs. Greg Martin

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 65 feet off the 309.12' lot line and 118 feet off the 200 feet lot line. Run trenches along contour in both directions.

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

OK KM 9-1-98

PLANS APPROVED BY Glen Savage DATE 8-31-98

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

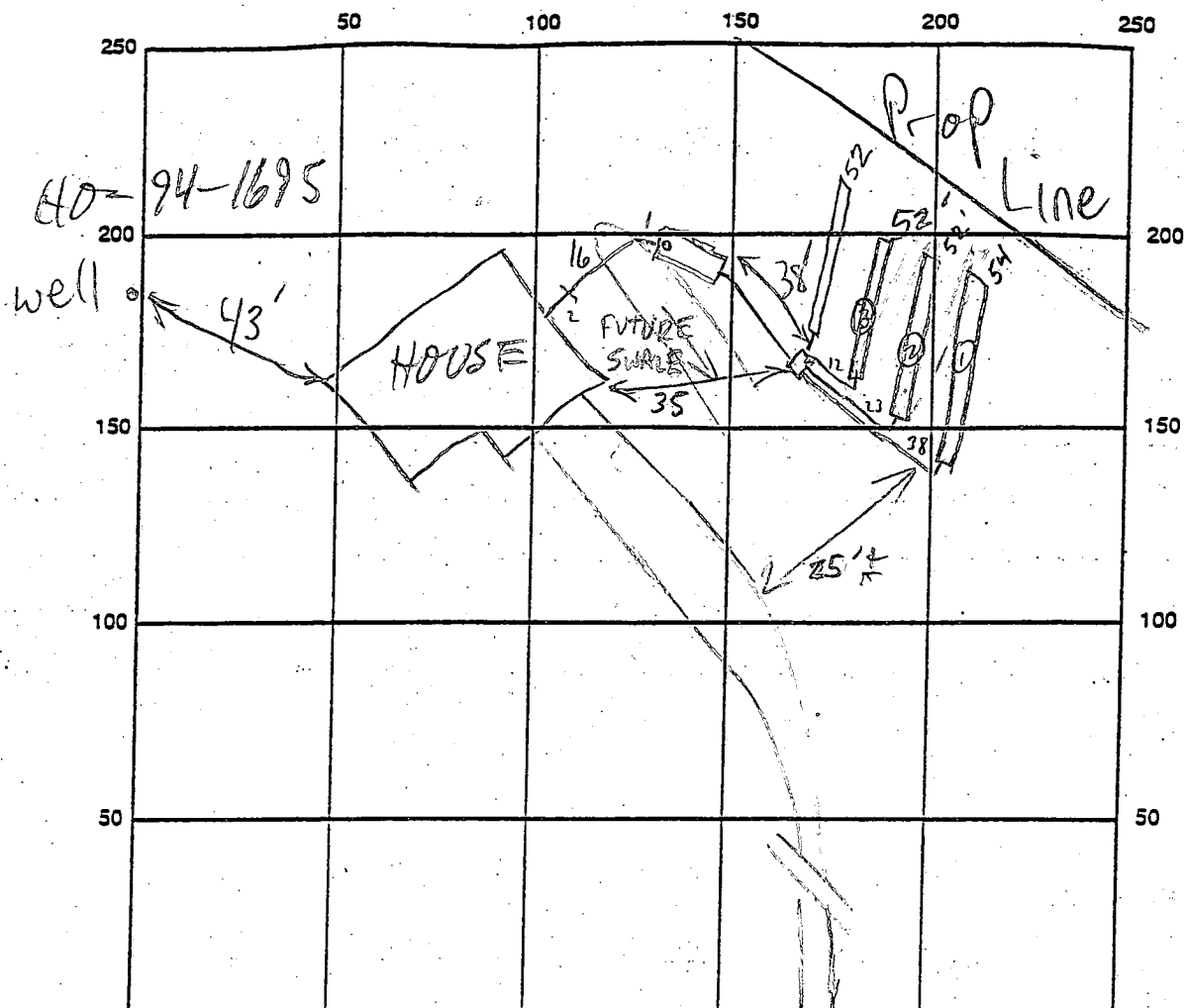
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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



LANDING RD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1000 GAL - OK

CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 6.5 FT.

TRENCH WIDTH 3.0 FT.

INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT.

TOTAL LENGTH 210 FT.

NUMBER OF TRENCHES 4

ONE SIDEWALL/BOTTOM AREA 630 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET 2.0 FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 1/13/99 S.T. OK TO COVER PIPE NOT CONN @ HOUSE (M2)

1/19/99 OK TO COVER TRENCHES (1)-(3), DIG (4) 1/20/99 House connection needed. OK to cover system ALM

2/12/99 House connection made AL

1/20/99 WPI OK to COVER 4' below

DATE SYSTEM APPROVED 2/12/99

INSPECTOR A McMillen

APPLICATION

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: 992-2330

A 37746

P _____

DISTRICT ②

DATE 10/18/86

*Received 10/18/86
ok for 1 lot + no repair on
existing Records ok. /SA*

*28 acre
parcel*

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 Wayne Pfau *Greg + Karen Martin*

ADDRESS 4949 Landing Road, Ellicott City PHONE 744 0435

PROPERTY LOCATION: *Talked to Mr Pfau weather weeks*

SUBDIVISION Pfau Property LOT NO. 1

ROAD AND DESCRIPTION 4937 Landing Road off of Illchester Road

OLD PERMIT SIGNED

AND RETURNED 5-91-98

Serial # 21112944

SIZE OF LOT 1 acre TYPE BLDG. single family dwelling
(NUMBER OF BEDROOMS)

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 _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 11/10/86 - PERC NOT DONE PERC HOLES

TOO CLOSE TO STREAM WILL BE NECESSARY

TO CHANGE LOT LINES TO HAVE SPACE FOR ADEQUATE

PERC AREA R.H. 3/19/87 Perc Satisfactory - hold for plat. sale

THIS IS NOT A PERMIT

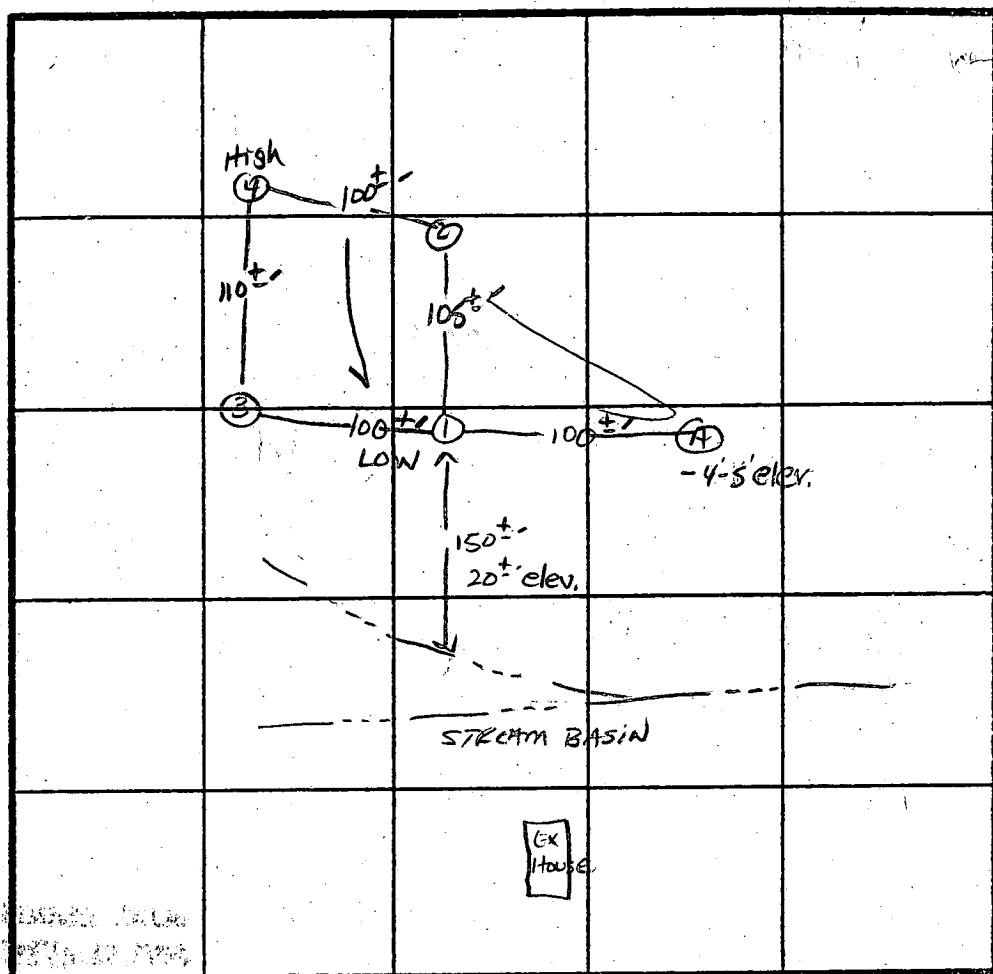
① ② ③
SOIL PROFILE

0"
3"
15"
41" 47"
13.5"

At 3
STRONG BR
SILT LOAM w/
SMALL WASHER
PEBBLES

Yellow BR
SILT LOAM
15% COAG
FEW SMALL
PEBBLES
10-15%

Yellow BR
SANDY LOAM
SINGLE GRAIN
w/ SMALL PEBBLES
10-15%
INCREASING
TO 25-30%
NEAR BOTTOM



x Perc
14 min
INLET 4.5
BOTTOM 0.5
210 ϕ 1BR

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

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/18/87	1 S	5"	1:58	2:13	2:13	2:36	23 min
	1 V	13.5" UNIFORM soil below		4.5"			
	2 S	4' 10"	1:13	1:19	1:19	1:36	17 min
	2 M	7' 10"	1:07	1:12	1:12	1:24	12 min
	2 V	13" UNIFORM soil below		4"			
	3 S	4.5"	1:26	1:32	1:32	1:44	12 min
	3 M	7.5"	1:28	1:32	1:32	1:40	8 min
	3 V	13" UNIFORM soil below		4"			
	4 S	4.5"	1:44	1:54	1:54	2:15	21 min
	4 M	8'	1:36	1:39	1:39	1:43	4 min
	4 V	12.5" UNIFORM soil below		6.5"			
	A	H ₂ O AT 8' 6"	MOTTLES AT 2' 9"				

REMARKS _____

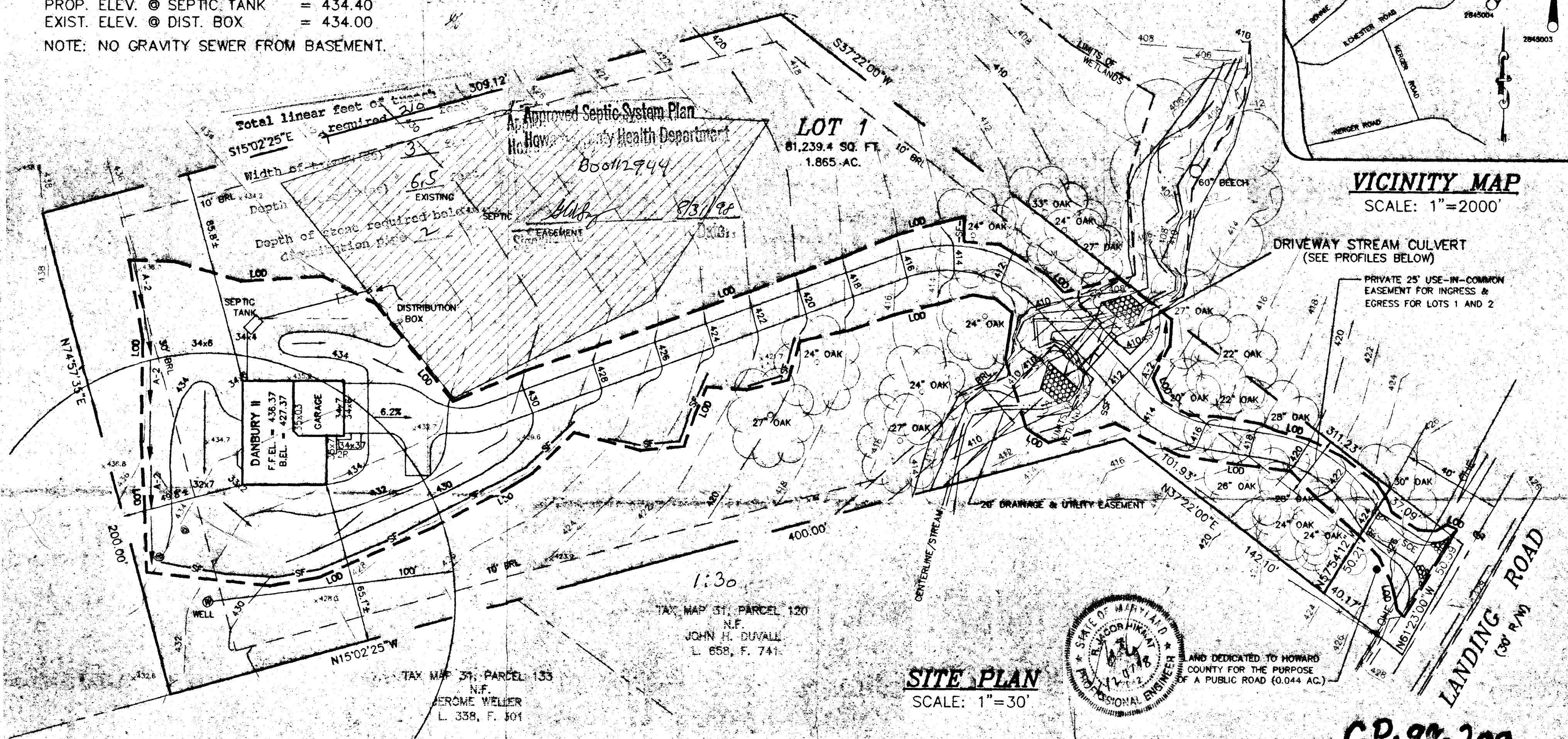
TYPE OF SOIL _____

TESTED BY S. Abel ALSO PRESENT Frank + Co.

FIRST FLOOR ELEV. = 436.37
 INV. OUT OF HOUSE = 431.15
 INV. IN SEPTIC TANK = 430.75
 INV. OUT SEPTIC TANK = 430.50
 INV. IN DIST. BOX = 429.50
 EXIST. ELEV. @ SEPTIC TANK = 435.20
 PROP. ELEV. @ SEPTIC TANK = 434.40
 EXIST. ELEV. @ DIST. BOX = 434.00

NOTE: NO GRAVITY SEWER FROM BASEMENT.

TAX MAP 31, PARCEL 160
 N.F.
 WAYNE D. PFAU, ET UX
 L. 770, F. 480



VICINITY MAP
 SCALE: 1"=2000'

DRIVEWAY STREAM CULVERT
 (SEE PROFILES BELOW)

PRIVATE 25' USE-IN-COMMON
 EASEMENT FOR INGRESS &
 EGRESS FOR LOTS 1 AND 2

SITE PLAN
 SCALE: 1"=30'



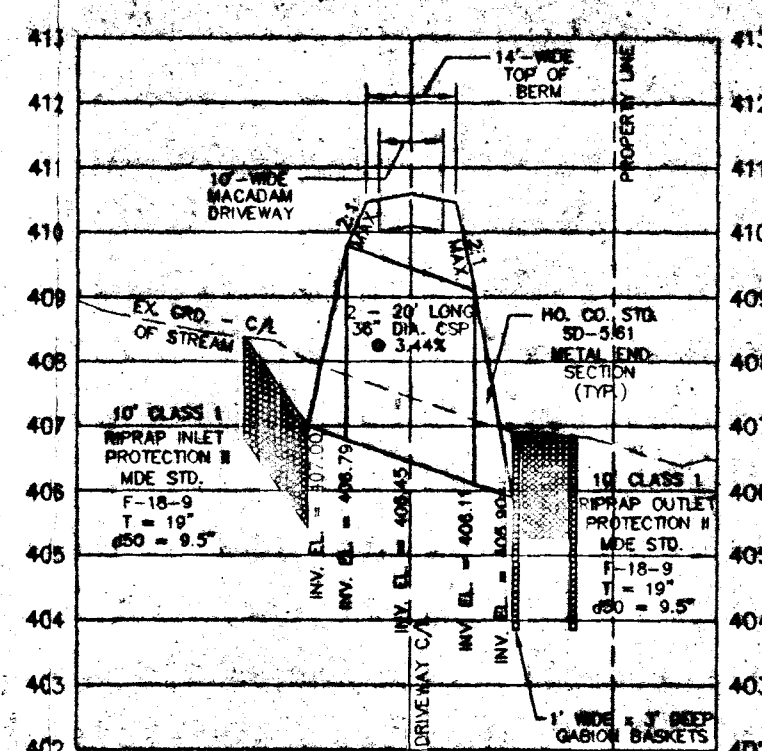
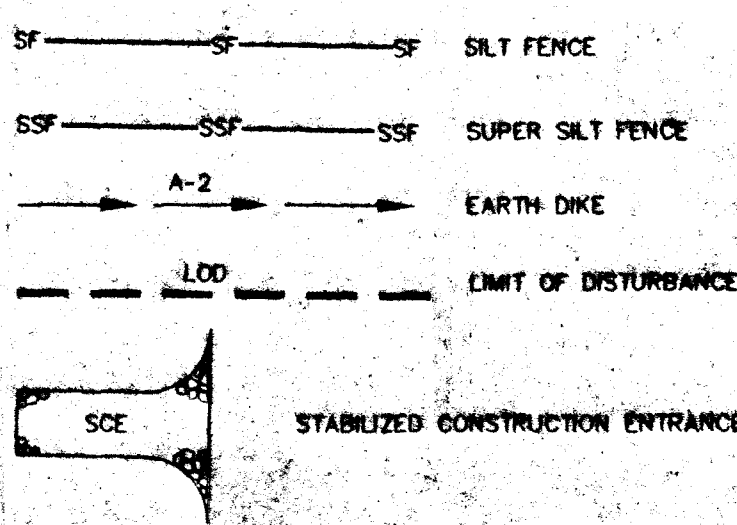
LAND DEDICATED TO HOWARD
 COUNTY FOR THE PURPOSE
 OF A PUBLIC ROAD (0.044 AC.)

LANDING ROAD
 (30' R/W)

GENERAL NOTES:

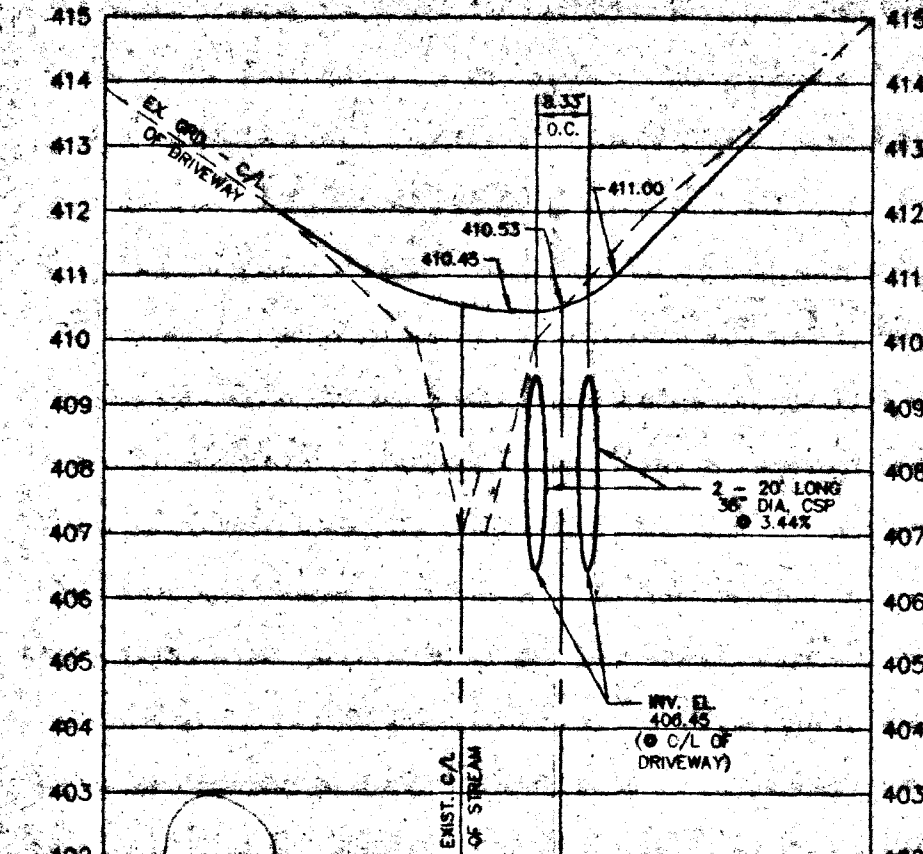
1. MDE APPLICATION TRACKING # 199801941
 NONTIDAL WETLANDS # 98-NT-0029
2. TOPOGRAPHIC SURVEY PERFORMED BY MILDENBERG,
 BOENDER & ASSOCIATES, INC. IN DEC., 1997.

LEGEND:



STREAM PROFILE

SCALES: HOR: 1"=30', VERT: 1"=3'



DRIVEWAY PROFILE

SCALES: HOR: 1"=30', VERT: 1"=3'

GP-98-200

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

DEVELOPER'S SIGNATURE: *John C. Martin* DATE: 7-7-98
 DEVELOPER'S NAME: *John C. Martin*

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 THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER'S SIGNATURE: *John C. Martin* DATE: 6/24/98
 ENGINEER'S NAME: *John C. Martin*

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT MEETS TECHNICAL REQUIREMENTS.

Clayton Simmons 6/24/98
 CLAYTON SIMMONS
 URBAN WATER RESOURCES
 CONSULTING SERVICE

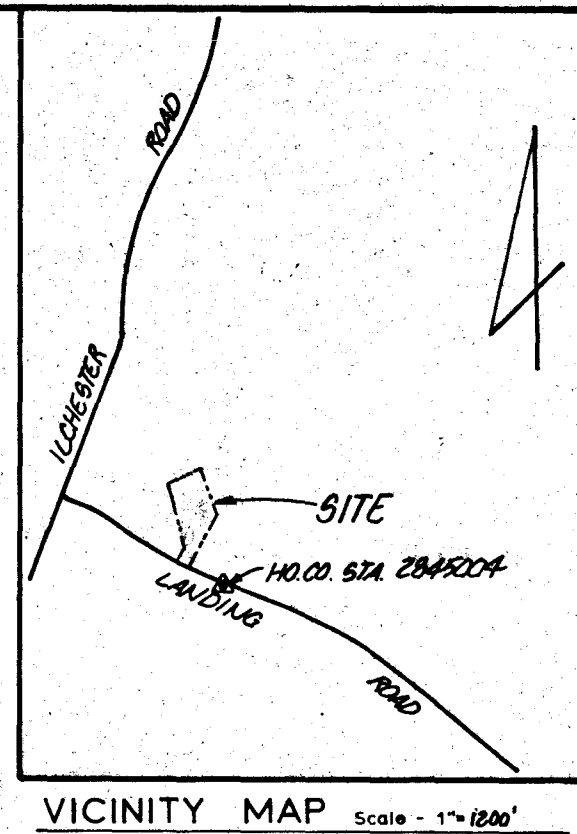
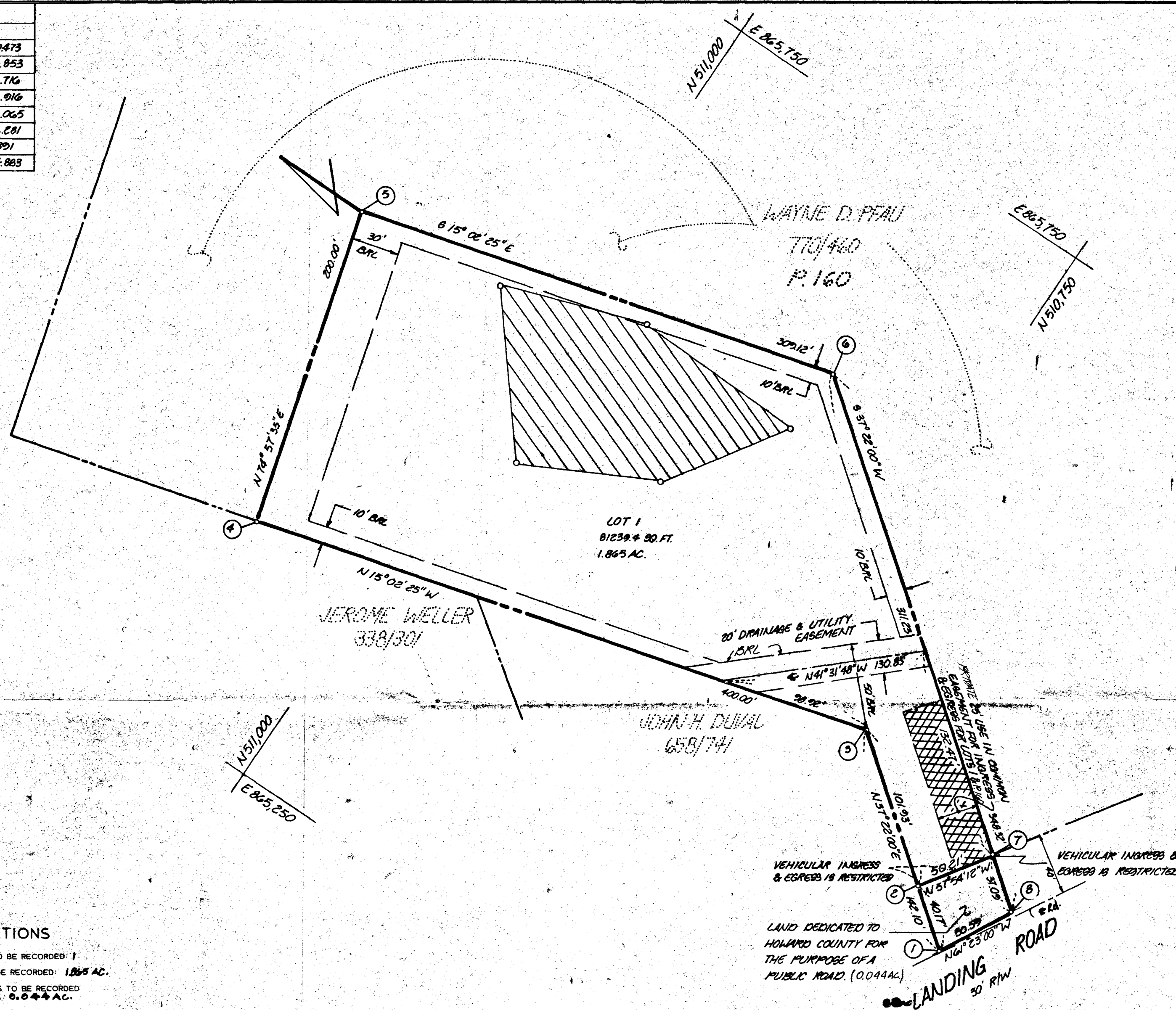
THIS DEVELOPMENT PLAN IS FOR SOIL EROSION AND SEDIMENT CONTROL FOR THE SOIL CONSERVATION DISTRICT.

John R. Rotun 6/26/98

PFAU PROPERTY - LOT 1
 PLAT 7886
 PLOT PLAN

MILDENBERG & ASSOC. INC.
 Engineers - Planners - Surveyors
 5072 Derry Hall Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 997-0236 Fax: (410) 997-5521

COORDINATE SCHEDULE		
NO.	NORTH	EAST
1	510,583.388	865,350.473
2	510,615.314	865,374.853
3	510,626.325	865,436.716
4	511,082.682	865,532.916
5	511,134.522	865,526.065
6	510,835.970	865,606.881
7	510,588.634	865,417.391
8	510,559.159	865,394.883



GENERAL NOTES

- 1) Tax Map - 31, Parcel 160
- 2) Deed Reference - T70/460
- 3) Coordinates shown hereon are based on Maryland State Plane coordinate system, Howard County control station 8849004
- 4) Subject property zoned - R-20, per 8-02-85 Comprehensive Zoning Plan.
- 5) - Designates iron pin set.
- 6) THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF A MIN. 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- 7) ALL PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN THUS (o).
- 8) FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND ROAD RIGHT-OF-WAY LINE AND NOT TO THE FLAG OR PIPE STEM LOT DRIVEWAY.
- 9) APPROVED VP-88-130 WAIVER REQUIREMENT TO SHOW RESIDUE OF PARCEL NO. 160.
- 10) THE LOTS SHOWN HEREON COMPLY WITH THE MIN. OVERSHP WIDTH AND LOT AREA REQUIRED BY THE MD. STATE DEPT. OF HEALTH AND MENTAL HYGIENE.

OWNER
WAYNE D. AND SANDRA A. PFAU
4049 LAUDING RD.
ELLCOTT CITY, MD. 21043

AREA TABULATIONS

TOTAL NUMBER OF LOTS TO BE RECORDED: 1
TOTAL AREA OF LOTS TO BE RECORDED: 1.865 AC.
TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS: 0.044 AC.
TOTAL AREA OF OPEN SPACE TO BE RECORDED: 0
TOTAL AREA OF FLOODPLAIN TO BE RECORDED: 0
TOTAL AREA OF SUBDIVISION TO BE RECORDED: 1.909 AC.

OWNER'S STATEMENT

We, WAYNE D. PFAU and SANDRA A. PFAU, owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this final plat by the Office of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns, 1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street rights-of-way and the specific easement areas shown hereon, 2) the right to require dedication for public use, the beds of the streets and/or roads and floodplains and open space where applicable, and for good and other valuable consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space where applicable, 3) the right to require dedication of waterway and drainage easements for the specific purpose of their construction, repair and maintenance, and 4) that no building or similar structure of any kind shall be erected on or over the said easements and rights-of-way.

Witness my/our hands this 24TH day of JULY, 1987

Wayne D. Pfau
Sandra A. Pfau
WITNESS

Andrew R. Pfau
Shirley R. Pfau
WITNESS

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct, that it is a SUBDIVISION of PART of the lands conveyed by JOHN H. NEEDS AND GLORIA M. NEEDS, HIS WIFE, TO WAYNE D. PFAU AND SANDRA A. PFAU, HIS WIFE, by deed dated MAY 23, 1976 and recorded in the Land Records of Howard County, Maryland in Liber T70 at Folio 460, and that all monuments are in place as shown in accordance with the Annotated Code of Maryland, as amended.

William G. Hartel 7-24-87
William G. Hartel, Professional Land Surveyor, MD. No. 9436 Date



RECORDED AS PLAT ON AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

17 JUNE 1988
HOWARD COUNTY, MD.
PFAU SUBDIVISION
Signel LOT - 1

TAX MAP - 31
TAX MAP PARCEL NO. - 160
EX. ZONING - R-20
ELECTION DISTRICT - 1ST
HOWARD COUNTY, MARYLAND
SCALE - 1"=50'
DATE - JULY, 1987
O. P. & Z. FILE NO. - VP 86 130

boender associates inc.
consulting engineers
land surveyors
land planners

COURTHOUSE SQUARE
3565 ELLICOTT MILLS DRIVE
ELLCOTT CITY, MD. 21043
(301) 465-7777

F-38-20

BAK

C1 4191

SEQUENCE NO.
(MDE USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPETHIS REPORT MUST BE SUBMITTED AFTER
WELL IS COMPLETED.COUNTY
NUMBER

A 37746

ST/CO USE ONLY

DATE Received
MM DD YY
8 13

DATE WELL COMPLETED

MM DD YY
08 28 98

Depth of Well

22 205 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"

H 6-94-16915

OWNER

STREET OR RFD

SUBDIVISION

MARTIN

last name

LANDING

first name

TOWN

ELLCOTT CITY

SECTION

LOT

1

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		check if water bearing
	FROM	TO	
Dirt	0	1	
Br. Clay & Sand	1	3	
Soft Br. Sand & Gravel	3	7	
Soft Br. Sand- Stone	7	40	X
Hard Blue Sand- stone	40	50	
Soft Br. Sand- stone	50	55	
Hard Blue Sand- stone	55	62	
Opening	62	63	X
Hard Blue Sand stone	63	65	
Hard Blue Mica	85	90	
Hard Blk. Sand- stone	90	165	
Opening	165	167	X
Hard Blue & Blk. Sandstone	167	205	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes no
Y N

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT ☒ CMBENTONITE CLAY ☒ BC

NO. OF BAGS

21

NO. OF POUNDS

1974

GALLONS OF WATER

126

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 59 ft.
(enter 0 if from surface)

CASING RECORD

casing
types/
insert
appropriate
code
below☒ ST
STEEL☐ CO
CONCRETE☒ PL
PLASTIC☐ OT
OTHERMAIN
CASING
TYPE
S TNominal diameter
top (main) casing
(nearest inch)

6

Total depth
of main casing
(nearest foot)

61

OTHER CASING (if used)

A C C E S S O R Y C A S I N G	P L	4	115	125	175	185	205
		4	65	115	125	175	185
		4	125	175	185	205	

screen type
or open hole(insert
appropriate
code
below)

SCREEN RECORD

☒ ST
STEEL☐ BR
BRASS☐ HO
OPEN
HOLE☒ PL
PLASTIC☐ OT
OTHER

NUMBER OF UNSUCCESSFUL WELLS

0

WELL HYDROFRACTURED

yes

no

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
WELLI 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 W D 2196

Ronald Kyker

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1

MWD 296

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

68

MDE USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

W Q

70

72

74 75 76

TELESCOPE

LOG

OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour)

3

8 9

PUMPING RATE (gal. per min.)

12

11 15

METHOD USED TO
MEASURE PUMPING RATE submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING

20

17 20

WHEN PUMPING

32

22 25

TYPE OF PUMP USED (for test)

☐ A air☐ P piston☐ T turbine

27

27

27

☐ C centrifugal☐ R rotary☐ O other
(describe
below)

27

27

27

☐ J jet☒ S submersible

27

PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED

PLACE (A,C,J,P,R,S,T,O)

IN BOX 29

CAPACITY:

GALLONS PER MINUTE

(to nearest gallon)

31

35

PUMP HORSE POWER

37

41

PUMP COLUMN LENGTH

(nearest ft.)

43

47

CASING HEIGHT (circle appropriate box
and enter casing height)☒ + above

49

LAND SURFACE

☐ - below

49

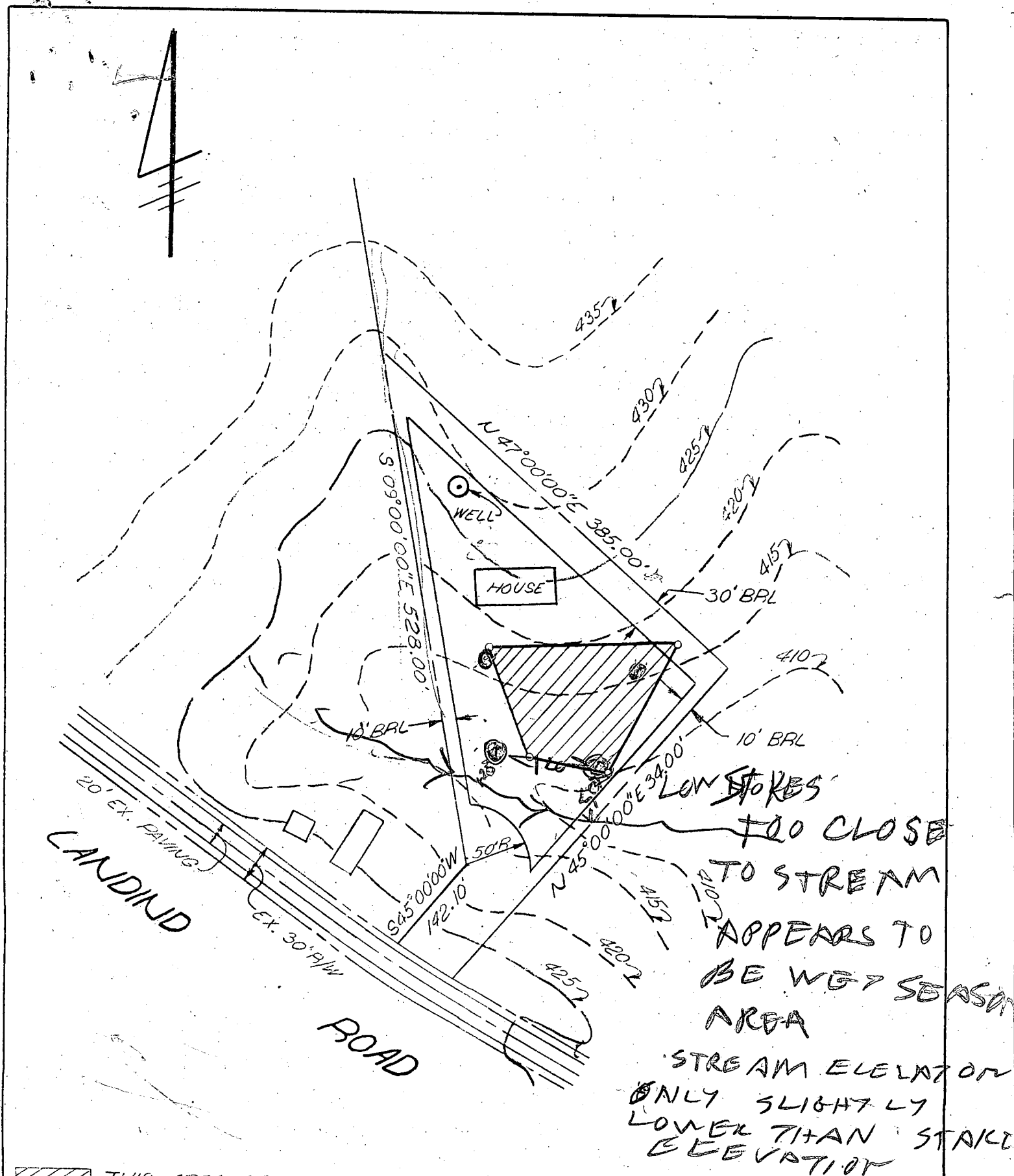
(nearest
foot)

50 51

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURES
AND INDICATE NOT LESS THAN
TWO DISTANCES
(MEASUREMENTS TO WELL)TILCHESPER ROAD
LANDING ROAD
DENE

B 1	3644	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER Ho-94-1695 <small>fill in this form completely</small>
<p>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</p> <p>Date Received (APA)</p>				
OWNER INFORMATION				
<p>8 MM DD YY 13 March Karen & Craig 15 Last Name Owner First Name 34 1129 Gloria Avenue 36 Street or RFD 55 Baltimore Md 21227 57 Town 70 State 72 Zip 76</p>				
DRILLER INFORMATION				
<p>Ronald Ryker MWD 296 Driller's Name 76 License No. 81 Westminster Rotary Well Drilling Firm Name P.O. Box 861, Westminster, Md 21158 Address Ronald Ryker 8/9/98 Signature Date</p>				
WELL INFORMATION				
<p>1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 150</p> <p>AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20</p>				
<p><input checked="" type="radio"/> USE FOR WATER (CIRCLE APPROPRIATE BOX)</p> <p><input type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)</p> <p><input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)</p> <p>22 <input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)</p> <p><input type="radio"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)</p> <p><input type="radio"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)</p>				
<p>APPROXIMATE DEPTH OF WELL 250 FEET 24 28</p> <p>APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH</p>				
METHOD OF DRILLING (circle one)				
<p>BORED (or Augered) JETTED Jetted & DRIVEN</p> <p>30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)</p> <p>37 CABLE REVERSE-ROTARY Drive-POINT</p> <p>other</p>				
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)				
<p><input checked="" type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL</p> <p><input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</p> <p>39 <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT-LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS</p> <p><input type="radio"/> THIS WELL WILL DEEPEMED AN EXISTING WELL</p> <p>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52</p>				
<p>Not to be filled in by driller (MDE OR COUNTY USE ONLY)</p> <p>APPROP. PERMIT NUMBER 54 Ho-94-1696 63</p> <p>FORCE GS WRITE INITIALS IN BOX PERMIT No. 70 71 72 73 74 75 76 77 78 79</p>				
LOCATION OF WELL				
<p>B 3 Howard COUNTY FAU Property 23 SUBDIVISION 42 SECTION 44 LOT 46 Ellicott City 52 NEAREST TOWN 71</p> <p>MILES FROM TOWN (enter 0 if in town) 3 M 11 73 76 77 78</p>				
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)				
<p>1 2 TOWN NW NE N W E SW S SE 8-9 8-9 8-9 8-9 8-9 8-9 8-9 8-9</p>				
<p>Landing Ellicott Road 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH 34 600 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: BLK: PARCEL:</p>				
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL				
<p>Howard A 37746 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S 41 DATE ISSUED 8-24-98 8-24-99 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 510 000 EAST GRID 860 000 50 55 57 63</p>				
<p>SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X</p> <p>SOURCES OF DRILLING WATER</p> <p>1. City</p> <p>2.</p> <p>3.</p> <p>WRITE THE BOX NUMBER FROM THE MAP HERE</p> <p>E 860</p> <p>N 510</p> <p>000 000</p> <p>8-28-98 Front 8:00 No wsg Dwell</p>				
<p>DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION</p> <p>Ellicott Road Drive 600-32 ON S:32 RECEIVED</p>				
<p>SPECIAL CONDITIONS</p> <p>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -</p>				



LOW STAKES
TOO CLOSE
TO STREAM
APPEARS TO
BE WGT SEASON
AREA
STREAM ELEVATION
ONLY SLIGHTLY
LOWER THAN STAKE
ELEVATION

THIS AREA DESIGNATED A PRIVATE SEWERAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENT OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THESE EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWER EASEMENT. REFORMATION OF A MODIFIED SEWER EASEMENT SHALL NOT BE NECESSARY.

11/18/86

TITLE: PERCOLATION TEST PLAT				
PROJECT: LANDING ROAD				
LOCATION: TAX MAP: 31		PARCEL: 160		
1ST ELECTION DISTRICT		HOWARD CO., MD.		
SCALE: 1"=100'	DESIGNED BY: T.R.	DRAWN BY: T.R.	CHECKED BY:	DATE: SEPT. 1986
FIELD BOOK:	PAGE NO.:	JOB NO.: 8685	DRAWING NO.:	

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land surveyors
land planners

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