

3/5/99
11-12

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511446

A58125-D

04-361202

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

DATE 3/2/99

BUREAU OF ENVIRONMENTAL HEALTH

DATE SYSTEM APPROVED 3/5/99

~~XXXXXX~~ 410-313-2640

INDEXED

INSPECTOR DKS

Jack Fyock Septic Services _____ IS PERMITTED TO INSTALL X ALTER _____

ADDRESS P. O. Box 89, Triadelphia Road, Glenelg, Maryland 21737 PHONE 410-988-9270

SUBDIVISION Clarks Woods II LOT 2 ROAD 14393 Dorsey Mill Road

PROPERTY OWNER Scott & Cristy Zecco

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet ^{3.5} 2.5 feet below original grade. Bottom maximum depth 7.5 ~~6.5~~ feet below original grade. Effective area begins at 2.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 250.85/228.80' lot lines, begin trenches 145 feet up the 250.85' lot line and 75 feet off that same lot line. Run trenches on 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~~ MR

3/4/99 spoke to installer - due to point at which plumbing exits, sufficient cover not possible as originally specified - OK to install trenches as corrected

PLANS APPROVED BY Amy McMillen DATE 1-08-99 (DKS)

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.

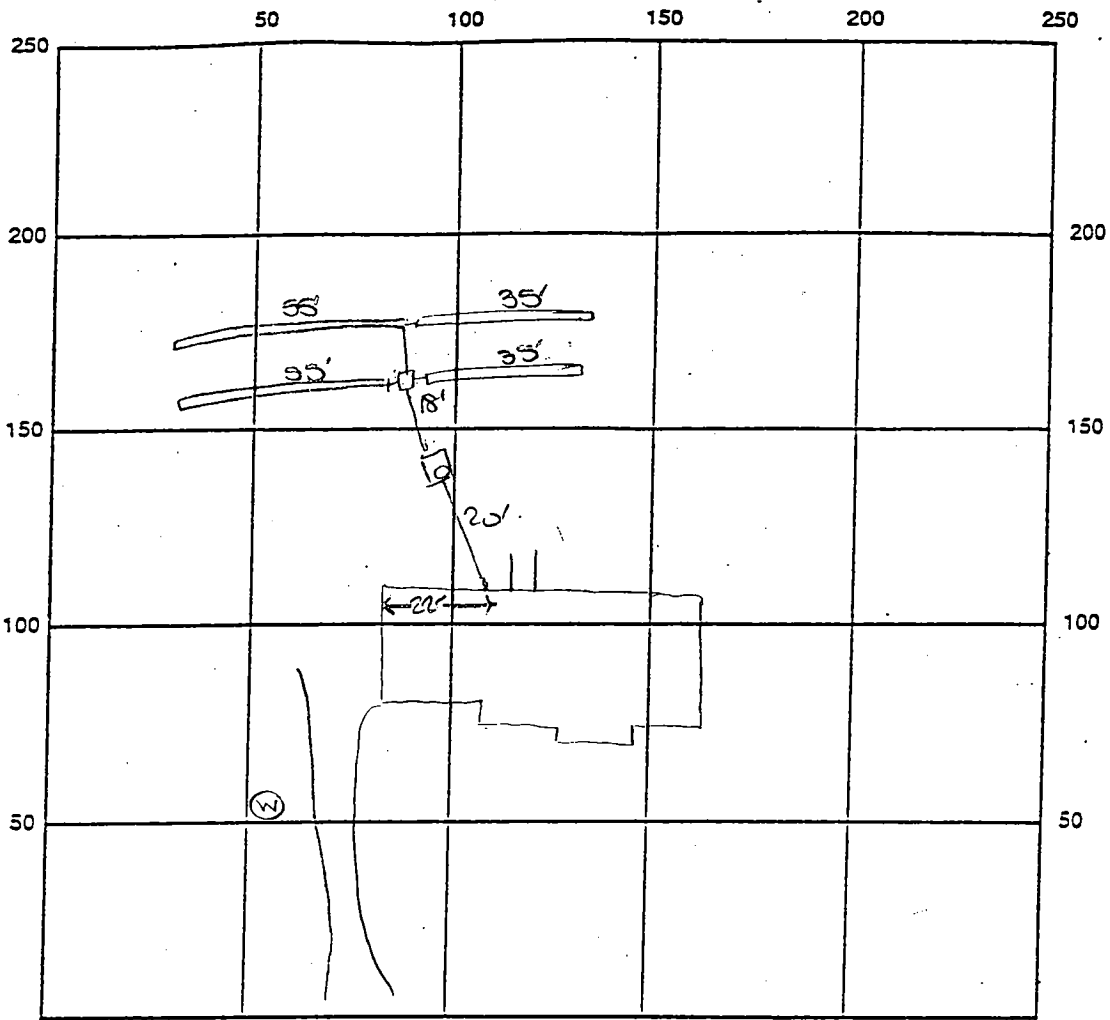
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

FINAL PERMIT SIGNATURE
AND RETURNED 9-9-99
Serial #310120392

duch

58125-D



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1250 gal ± 5. CLEANOUTS one on sit.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 2 × 35
2 × 55 FT. ± 180

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: 3/5/99 p.m. OK to continue work. DIS

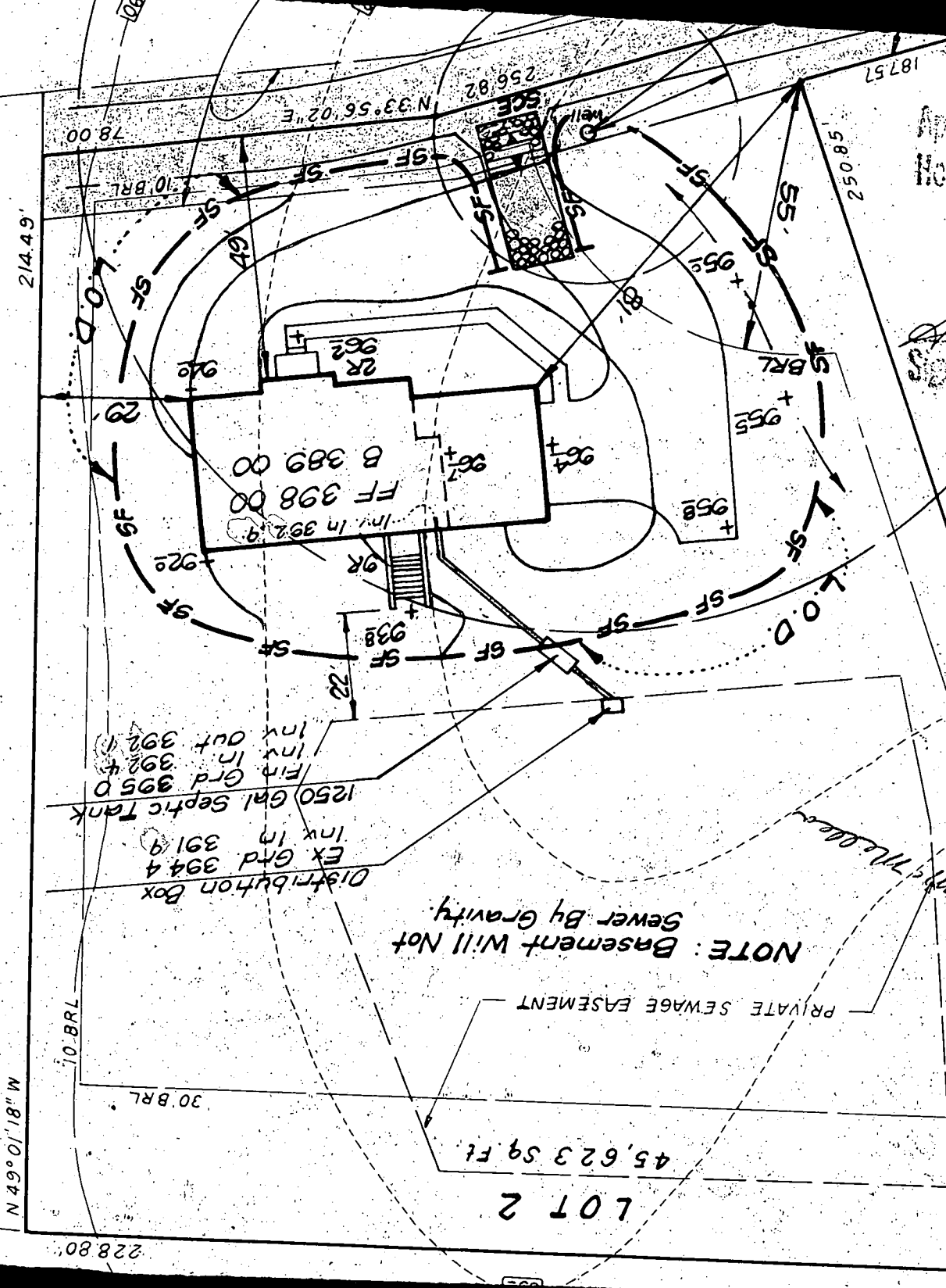
3/5/99 LATE FINAL INSP - OK to cover all work. DIS

DATE SYSTEM APPROVED 3/5/99 INSPECTOR [Signature]

Approved Septic System Plan
Howard County Health Department

Amy McMill 1/8/98
Signatures Date

Total linear feet of trench required 180 feet
 Width of trenches 2.0 feet
 Depth of trenches 6.5 feet
 Depth of stone required below distribution pipe 4.0 feet



NOTE: Basement Will Not Sewer By Gravity.

PRIVATE SEWAGE EASEMENT

LOT 2
45,623.59 Ft.

214.49'

N 49° 01' 18" W

30 BRL

10 BRL

78.00

10 BRL

FF 398.00
B 389.00

1250 Gal. Septic Tank
Fin Grd 395.0
Inx In 392.4
Inx Out 392.1

Distribution Box
EX Grd 394.4
Inx In 391.9

10 BRL

2R 962

967
964

Inx In 392.9

9R

922

938

955

958

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APPLICATION

PERCOLATION TESTING

A 58125-D

P _____

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

DISTRICT _____

DATE 5/2/97

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 Edgewood Farms Inc. Scott & Cristy ZECCO

ADDRESS P.O. Box 189 Glenelg, MD PHONE 410-531-3455

PROSPECTIVE BUYER Developer: Land marketing Consultants, Inc. / Tim Feaga

ADDRESS 3243 Bethany Lane Ellicott City, MD 21042 PHONE 410-313-8808

PROPERTY LOCATION:

SUBDIVISION Edgewood II (Clark Property) LOT NO 2 5 2
14405

ROAD AND DESCRIPTION Dorsey Mill Road, Intersection of Dorsey Mill and Triadelphia Roads

Woods behind Church and graveyard

BLDG. PERMIT SIGNED

TAX MAP 22 PARCEL # 97

AND RETURNED 1-6-99

Serial # B70115626

SIZE OF LOT 1 Acre Cluster

TYPE BLDG SFD-4Bem
(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.

Harold P. Clark

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

58125

COUNTY #

Lot 5

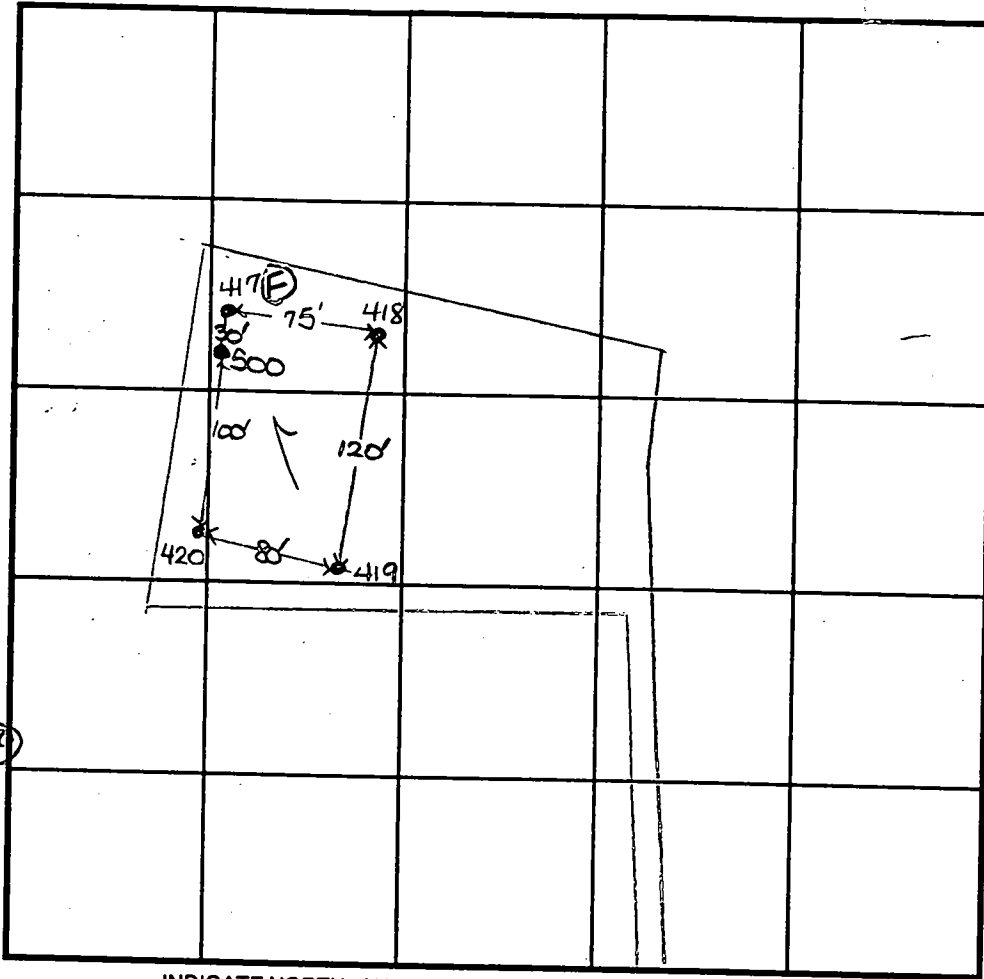
SOIL PROFILE

417

0' topsoil
 1' red org
 brn
 cl lm
 3.5' lge shale
 >50%
 patch
 6' pale
 org brn
 si sa
 lm
 11'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Dorsey Mill Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-28-97	417	11.0'D	Visual				FAIL
	418	4' 2" S	12:09 ₃ 12:07 ₃	12:11 12:08	12:11 12:08	12:14 12:09	3 1
		11.0'D	Visual	OK			
	419	3' 2" S	11:47	11:50	11:50	11:56 ₃	7
		10.5'D	Visual	OK			
	420	11.5'D	Visual	OK			
	500	11.5'D	Visual	OK			

REMARKS notes tested as stated, except (500)

TYPE OF SOIL

TESTED BY D. Sae

ALSO PRESENT T. FEAGA

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3+ TRENCH WIDTH 24

INLET DEPTH 2.5 MAXIMUM BOTTOM DEPTH 6.5 SQ. FT./BEDROOM 180

0' topsoil
 1' red org
 brn
 cl lm
 3' pale
 org brn
 si sa
 lm
 11'

0'

C1 7611 SEQUENCE NO. (MDE USE ONLY)

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

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.
COUNTY NUMBER **A58125-D**

ST/CO USE ONLY
DATE Received
MM DD YY
8 13

DATE WELL COMPLETED
MM DD YY
77 10 98
15 20

Depth of Well
22 200 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO 94 1655
28 29 30 31 32 33 34 35 36 37

OWNER Heritage Land Development
STREET OR RFD Dorsey Mill Road TOWN Glenwood
SUBDIVISION Clarks Woods II 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		check if water bearing
	FROM	TO	
Overburden	0	30	
Soft Shale	30	75	
Blue Slate	75	200	x

water at 100 & 160'

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT BENTONITE CLAY

NO. OF BAGS ⁴⁵ 17 ⁴⁶ NO. OF POUNDS ⁴⁵ 1700 ⁴⁶

GALLONS OF WATER 102

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 68 ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 78

OTHER CASING (if used)

diameter inch _____ depth (feet) from _____ to _____

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

C 2 DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
C	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
R	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
E	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
N	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120

SLOT SIZE 1 _____ 2 _____ 3 _____

DIAMETER OF SCREEN _____ (NEAREST INCH)
from _____ to _____

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 10.0

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING 55 ft.
WHEN PUMPING 161 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,J,P,R,S,T,O) IN BOX 29. 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
 - below } _____ (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES NO

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. GM WD 399
DRILLERS SIGNATURE [Signature]
(MUST MATCH SIGNATURE ON APPLICATION)

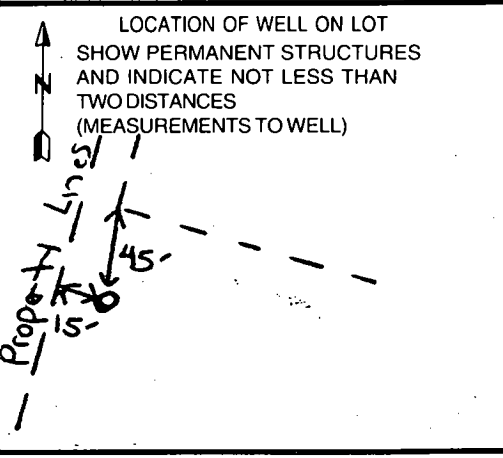
MC. NO. 2SD 048
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) [Signature]

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 O _____

70 _____ 72 _____ 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 4603

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1655

Date Received (APA) 7/8/98

OWNER INFORMATION

Heritage Land Development, 3243 Bethany Lane, Ellicott City Md 21043

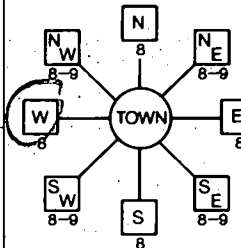
B 3 LOCATION OF WELL Howard

CLARKS Woods II, Glenelg

DRILLER INFORMATION

PAUL M. FABISZAK MN D 399, G EDGAR HARR SONS CORP, 12047 FALLS RD COCKEYSVILLE 21036, 7-6-98

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Dorsey Mill Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 200 FT

B 2 WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 750 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation (circled), Farming, Industrial, Public Water Supply Well, Test, Geo-thermal

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD A5825-D, COUNTY NAME, STATE SIGNATURE, DATE ISSUED 7/20/98, CO SIGNATURE, NORTH GRID 520 000, EAST GRID 0792 000

APPROXIMATE DEPTH OF WELL 250 FEET, APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

AIR-ROTary, AIR-PERcussion (circled), CABLE, ROTARY, DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled), 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 DEEPEMED AN EXISTING WELL

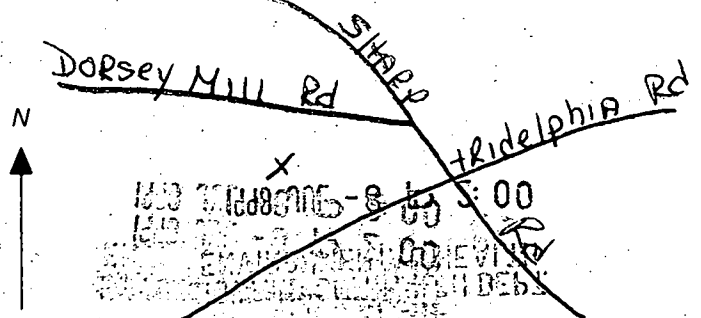
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROX. PERMIT NUMBER, PERMIT No. HO-94-1655

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER, WRITE THE BOX NUMBER FROM THE MAP HERE, E 790, N 510

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

313-2648

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9833

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement _____

Receipt # _____
Date _____

Name of Installer CLARKE P & H Inc

Telephone 489-4029

License Number 3808

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber 3808

Name of Property Owner Zacca Scott & Cris Telephone 381-0709

Subdivision Clarke Wood II Lot # 2 Well Tag # _____

Site Address 14393 Dersey Mill Rd

Pump

- 1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible
- 2. Make _____
- 3. Model # _____
- 4. Capacity _____ GPM

Motor

- 1. Horsepower _____
- 2. RPM _____
- 3. Voltage _____
 - a. 110 _____
 - b. 220

Pitless Adapter

- 1. Make P-T-200
- 2. Model # _____
- 3. Depth 42"

- 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

- 1. Capacity 42
- 2. Pressure relief valve? 7.516

Piping

- 1. Type Plastic
- 2. Size 1"
- 3. NSF and/or BOCA Code approved _____
- 4. Depth of supply line 42"

Well data

- 1. Depth _____ ft.
- 2. Yield _____ GPM
- 3. Static water level _____ ft.
- 4. Will water supply be disinfected by installer? no

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).

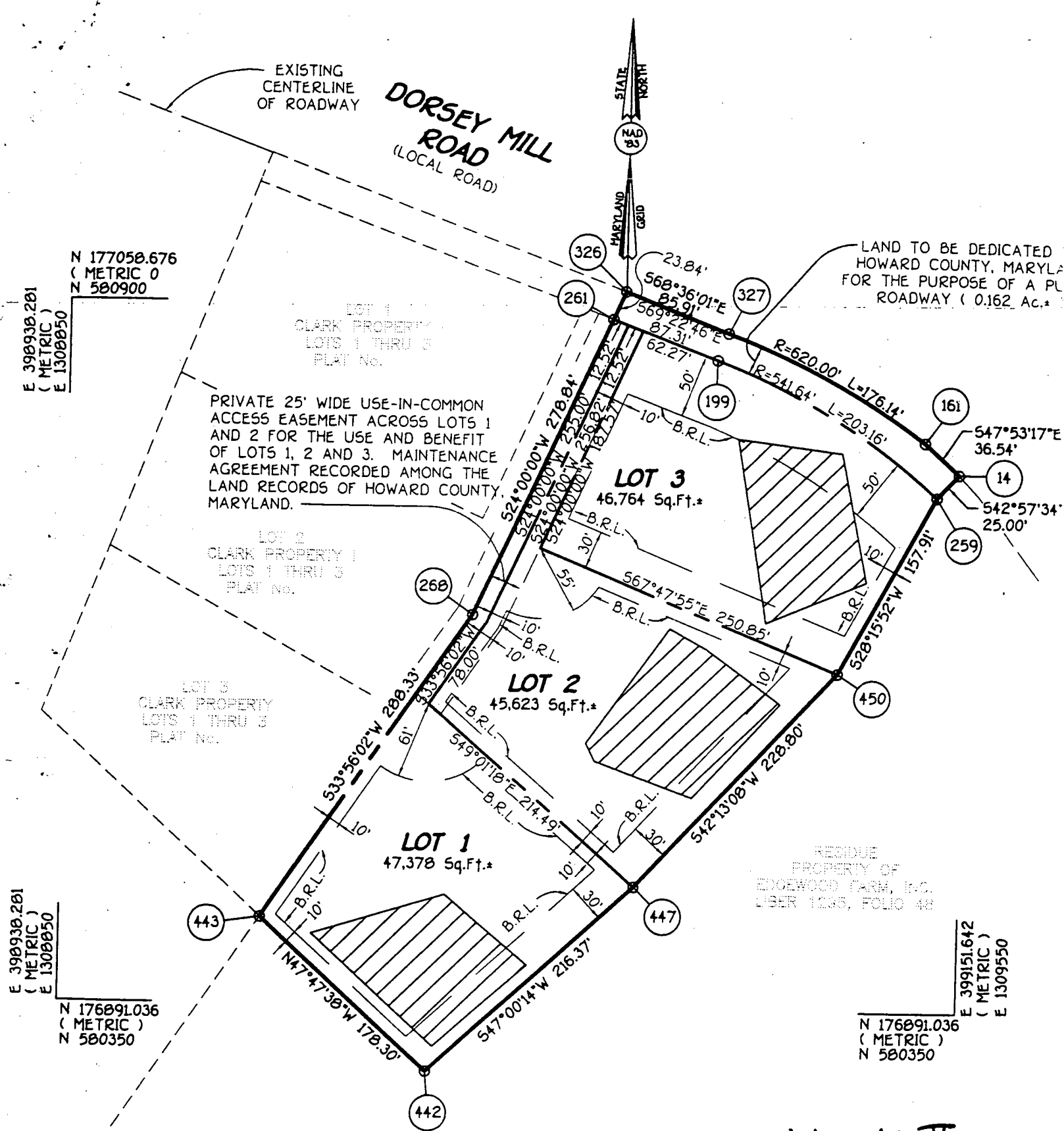
All information given above is true to the best of my knowledge.

Signature of Applicant: Kenneth L. Clarke

Date: 2-3-99

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

HD-215



EXISTING CENTERLINE OF ROADWAY

DORSEY MILL ROAD
(LOCAL ROAD)

N 177058.676
(METRIC)
N 580900

E 398938.281
(METRIC)
E 1308850

LOT 1
CLARK PROPERTY
LOTS 1 THRU 3
PLAT No.

PRIVATE 25' WIDE USE-IN-COMMON ACCESS EASEMENT ACROSS LOTS 1 AND 2 FOR THE USE AND BENEFIT OF LOTS 1, 2 AND 3. MAINTENANCE AGREEMENT RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

LOT 2
CLARK PROPERTY
LOTS 1 THRU 3
PLAT No.

LOT 3
CLARK PROPERTY
LOTS 1 THRU 3
PLAT No.

LOT 1
47,378 Sq.Ft.*

LOT 2
45,623 Sq.Ft.*

LOT 3
46,764 Sq.Ft.*

LAND TO BE DEDICATED HOWARD COUNTY, MARYLAND FOR THE PURPOSE OF A PL ROADWAY (0.162 Ac.*)

RESIDUE PROPERTY OF EDGEWOOD FARM, INC. LIBER 1235, FOLIO 48

E 398938.281
(METRIC)
E 1308850

N 176891.036
(METRIC)
N 580350

E 399151.642
(METRIC)
E 1309550

N 176891.036
(METRIC)
N 580350

Clarks Woods II
LOTS 1-3
F-98-29

OWNER AND DEVELOPER

EDGEWOOD FARM, INC.
c/o HAROLD L. CLARK
14919 ROXBURY ROAD
GLENELG, MARYLAND 21737

This Subdivisor Residue Of The In Liber No. 1295 Approximately 85

