

7/17/96
C.O. 11:00
7/23/96
WEST - Anytime

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57024A

A 48996

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

DATE 7-12-96

DATE SYSTEM APPROVED 7/17/96

INSPECTOR JS

INDEXED

JACK FYOCK SEPTIC SERVICE IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION Deer Track LOT 3 ROAD 6744 Cortina Drive

PROPERTY OWNER Cornerstone Homes, Inc. / Paul Mahoney

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 150 feet up the left (191.67') lot line and 30 feet off that same lot line as seen when facing the lot from Cortina Drive. Run trenches on contour toward the rear lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/17/96 DKS

DUPLICATE PERMIT SIGNED AND RETURNED 9/17/96
Severance 102290 deck

PLANS APPROVED BY Amy McMillen/Donna K. Soe DATE 5/17/96

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

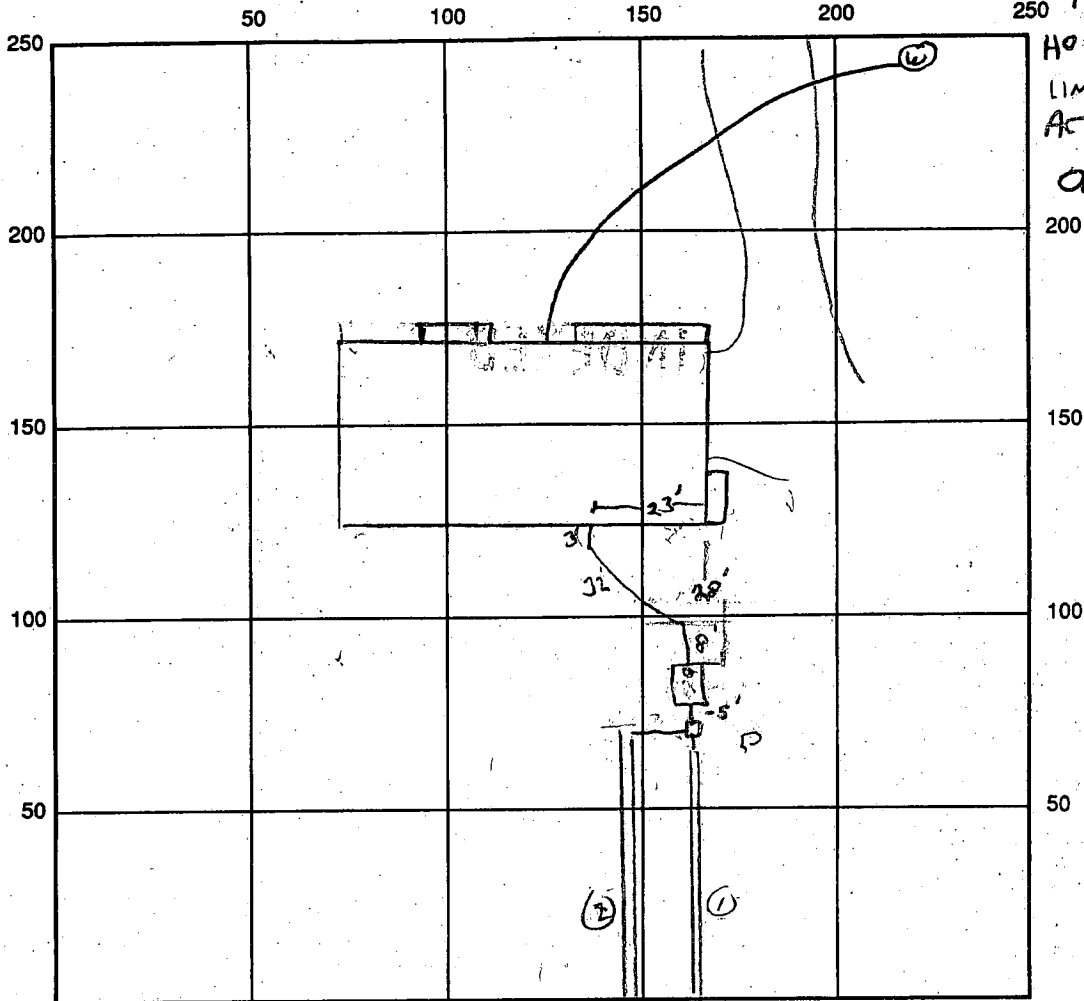
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 48996

7/23/96 WPI



HO 94-0181
 LINE COVERED
 AT HOUSE?
 OK - BB

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS 1 ON TANK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 24 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 105 / 105 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 8 1/2 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 7-17-96 TANK, DIST. BOX OK TO COVER 1ST TRENCH 2/3 COMPLETE,
2ND TRENCH 1/2 DONE OK TO COVER AS COMPLETED

DATE SYSTEM APPROVED 7/17/96 INSPECTOR BB

APPLICATION

PERCOLATION TESTING

A 48996

P _____

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

DISTRICT 5

DATE 3/3/1993

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 BUSHROD W. HOPKINS, ET AL Cornerstone Homes, Inc.
6761 HAVILAND MILL ROAD
ADDRESS CLARKSVILLE, MARYLAND 21029 PHONE (410) 596-9168

AGENT OR PROSPECTIVE BUYER CARMAN ASSOCIATES
P.O. BOX 122
ADDRESS ELLICOTT CITY, MARYLAND 21041 PHONE (410) 442-1045

PROPERTY LOCATION:
SUBDIVISION DEER TRACK LOT NO. 3

ROAD AND DESCRIPTION Extension of Cortina Drive off Villa D'est Drive
6744 Cortina Drive

TAX MAP 34 PARCEL # 161
SIZE OF LOT 1 Acre, more or less TYPE BLDG. Single Family Res. - 4 B Rms
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**BLDG. PERMIT SIGNED
AND RETURNED 5-17-96
Serial # 65150**

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. Zachary Y. Fisher (agent)
(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

Lot 3
40996
COUNTY #

SOIL PROFILE
3B

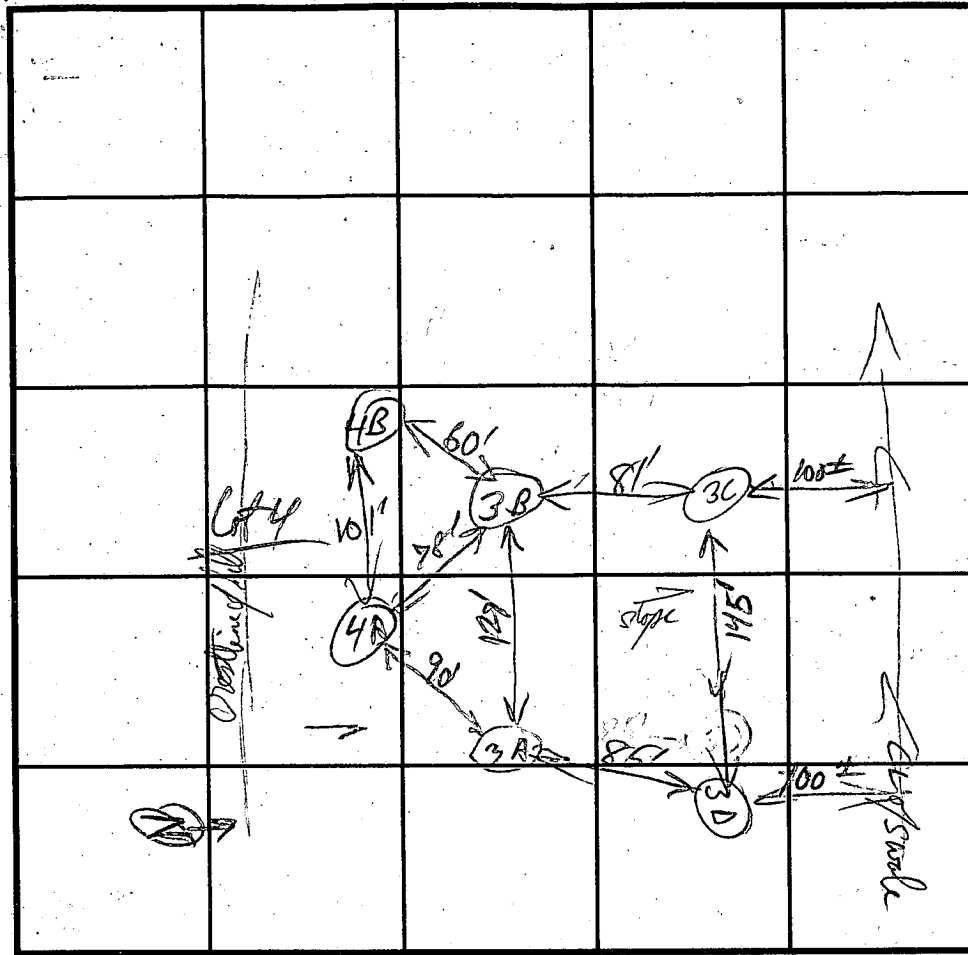
0'
Light
yell-red
Loam
1/2'
Brn-gr
Tan
Mica loam
20% sand
micaceous
12'

3A

Red Micaceous
Red Brn
Loam
3 1/2'
Red Brn
& Red H Brn
ext micaceous
Mica loam
7-8 SL
12'

3D

Brn Red Brn
& Yell Brn
L-HL
4 1/2'
Red Brn
& Red Brn
Mica loam
12'



SOIL PROFILE
13C

0'
yell Brn
to Str Brn
loam
mufr
4'
lighter
yell Brn
-tan
mica
loam
10'
mufr-Ls
5' streak of
yell SL
@ 5 1/2 - 6 1/2'
11 1/2'

4/19/93 solo v. moist
to wet from Fri + Sat
rain

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Heavy rains earlier in day - proved hard surface

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-16-93	3B	4'	14:54:49	cancelled Rain's			
		8'	slowing perk,		water rising in LS		
		V12	Mica loam + SL		after heavy down pours		
4/19/93	3B	4'	10:04:47	10:07:50	10:12:50	10:12:40	5 min
		8'	10:04:10	10:16:30	10:15:30	10:28:25	13 min
		V12'					
	3A	5'	10:17:44	10:20:00	10:20:00	10:23:00	3 min
		9'	10:17:00	10:27:00	10:27:00	10:47:00	17 min
		V12'					
	3D	5 1/2'	10:38:15	10:41:00	10:49:00	10:10:47:00	6 min
		9 1/2'	10:37:30	10:39:20	10:39:20	10:47:10	2 min
		V 12					
	3C	4 1/2'	10:53:00	10:56:20	10:56:20	11:01:20	5 min
		7 1/2'	10:52:57	11:00:00	11:00:00	11:10:20	10 min
		V 11 1/2					

REMARKS _____
 TYPE OF SOIL Moist loam
 TESTED BY PPalley ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 min TRENCH WIDTH _____
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM _____

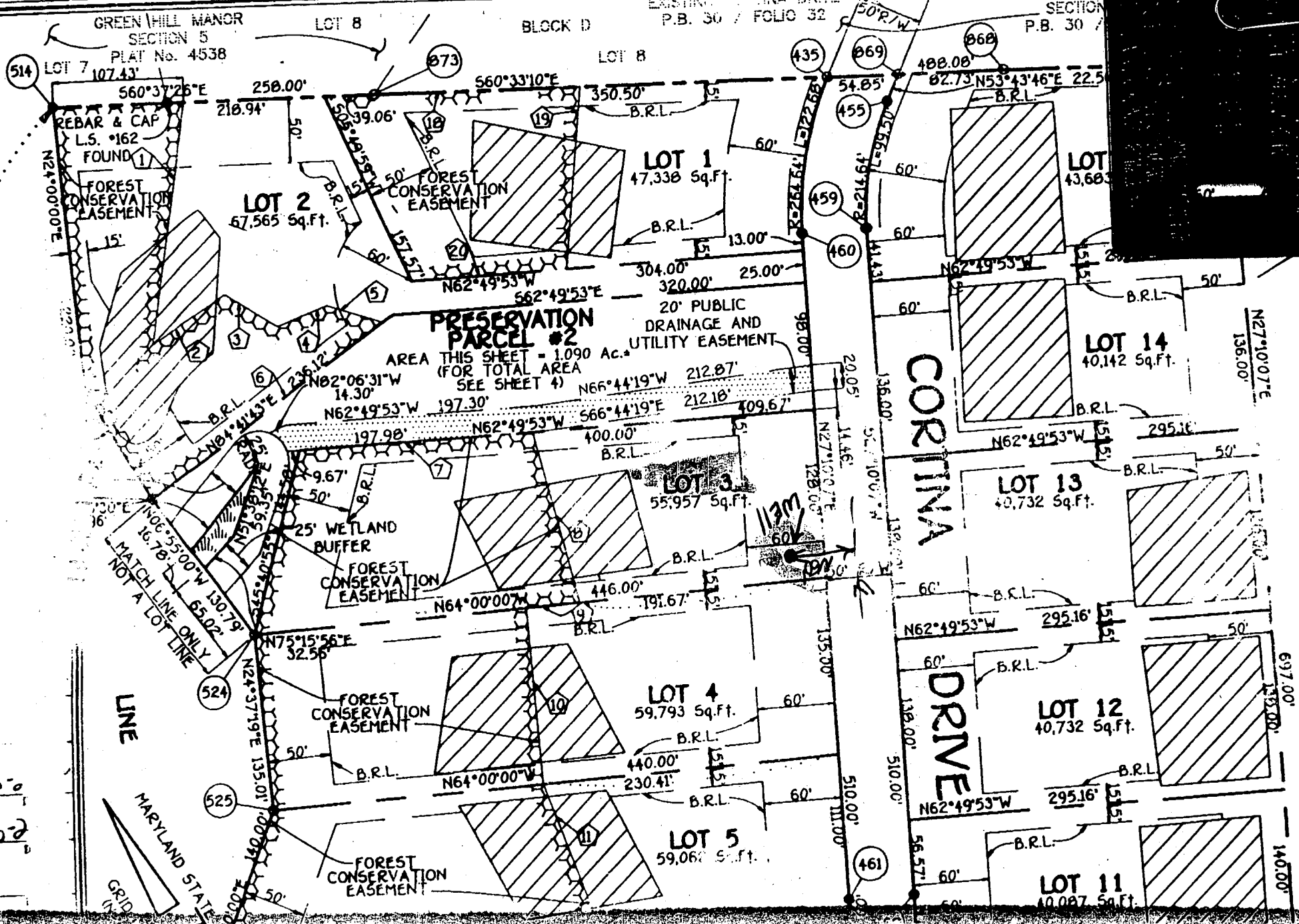
PP 4/19/93

Wells & Co
8/16/99

GREEN HILL MANOR
SECTION 5
PLAT No. 4538

BLOCK D

GREEN HILL
SECTION
P.B. 30 7



MATCH

PROPERTY PLACES DATE TO BE 14

K E

60'

GRID

CORINTHA

DRIVE

PRESERVATION PARCEL #2

AREA THIS SHEET = 1.090 Ac.
(FOR TOTAL AREA SEE SHEET 4)

LINE

MARYLAND STATE GRID

MATCH LINE NOT A LOT LINE

EXISTING CORINTHA DRIVE
P.B. 30 7 FOLIO 32

488.08
82.73 N53°43'46"E 22.5
B.R.L.

LOT 1
47,338 Sq.Ft.

LOT 2
67,565 Sq.Ft.

LOT 13
43,683

LOT 14
40,142 Sq.Ft.

LOT 3
55,957 Sq.Ft.

LOT 13
40,732 Sq.Ft.

LOT 4
59,793 Sq.Ft.

LOT 12
40,732 Sq.Ft.

LOT 5
59,067 Sq.Ft.

LOT 11
40,087 Sq.Ft.

REBAR & CAP
L.S. #162
FOUND

FOREST CONSERVATION EASEMENT

FOREST CONSERVATION EASEMENT

20' PUBLIC DRAINAGE AND UTILITY EASEMENT

25' WETLAND BUFFER

FOREST CONSERVATION EASEMENT

FOREST CONSERVATION EASEMENT

FOREST CONSERVATION EASEMENT

N24°00'00"E

560°37'26"E

250.00'

210.94'

560°33'10"E

350.50'

350.50'

54.85'

488.08

82.73 N53°43'46"E 22.5

B.R.L.

60'

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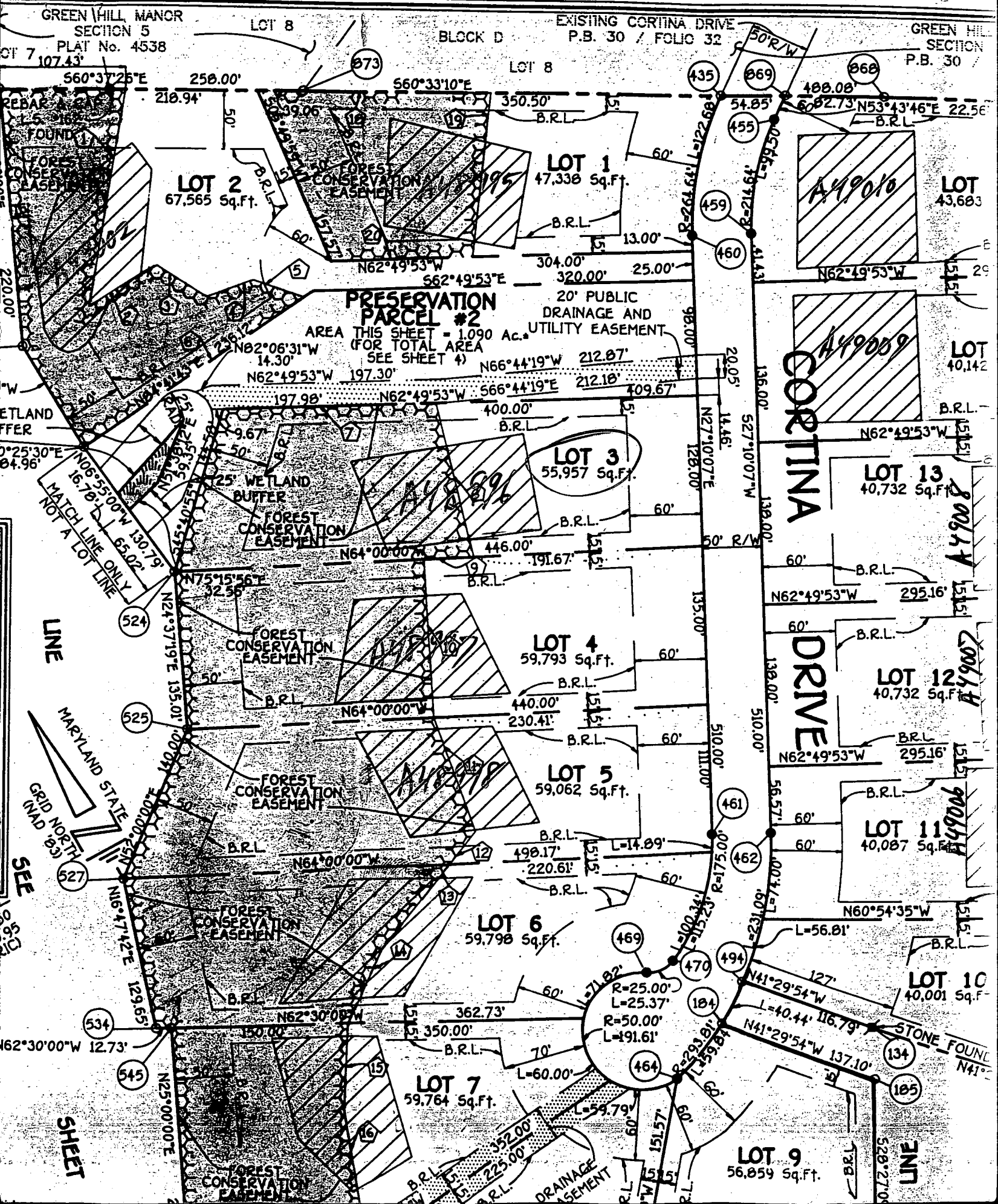
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Deer Track copy of Signal Final Plat F-94-73 10/6/94



GREEN HILL MANOR SECTION 5 PLAT No. 4538

EXISTING CORTINA DRIVE P.B. 30 / FOLIO 32

GREEN HILL SECTION P.B. 30

LOT 2 67,565 Sq.Ft.

LOT 1 47,338 Sq.Ft.

LOT 43,683

PRESERVATION PARCEL #2

AREA THIS SHEET = 1.090 Ac. (FOR TOTAL AREA SEE SHEET 4)

20' PUBLIC DRAINAGE AND UTILITY EASEMENT

LOT 3 55,957 Sq.Ft.

LOT 13 40,732 Sq.Ft.

LOT 4 59,793 Sq.Ft.

LOT 12 40,732 Sq.Ft.

LOT 5 59,062 Sq.Ft.

LOT 11 40,087 Sq.Ft.

LOT 6 59,798 Sq.Ft.

LOT 10 40,001 Sq.Ft.

LOT 7 59,764 Sq.Ft.

LOT 9 56,859 Sq.Ft.

CORTINA DRIVE

LINE

MARYLAND STATE GRID NORTH (MAD 85)

SEE

SHEET

A49008

A49009

A49010

A49011

A49012

A49013

A49014

REBAR CAP FOUND FOREST CONSERVATION EASEMENT

WETLAND BUFFER FOREST CONSERVATION EASEMENT

MATCH LINE NOT A LOT LINE

FOREST CONSERVATION EASEMENT

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LOT 7 107.43'

560°37'25"E

210.94'

250.00'

560°33'10"E

350.50'

562°49'53"E

320.00'

25.00'

304.00'

562°49'53"E

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250.00'

C1 4505

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A48996

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received grid

DATE WELL COMPLETED 092194

Depth of Well 300 (TO NEAREST FOOT)

PERMIT NO. H0-99-0161

OWNER Carman Associates last name Cortina Dr first name TOWN Highland SUBDIVISION Deer Track SECTION LOT 3

WELL LOG

GROUTING RECORD

C 3

Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

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

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

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

NO. OF BAGS 20 NO. OF POUNDS 1880

GALLONS OF WATER 120

DEPTH OF GROUT SEAL (to nearest foot)

Table with 3 columns: DESCRIPTION, FEET FROM, FEET TO. Rows: SAND (0-80), GRAY MICA Rock (80-230), SOAP Stone (230-240), GRAY MICA Rock (240-300)

from 0 ft. to 25 ft.

CASING RECORD ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE SF 6 84 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

SCREEN RECORD ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

DEPTH (nearest ft.) H0 82 300

WELL HYDROFRACTURED. YES Y NO N

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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

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

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.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W.Q

DRILLERS IDENT. NO. 24 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

TELESCOPE CASING LOG INDICATOR OTHER DATA

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 12

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 25

WHEN PUMPING 112

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 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)

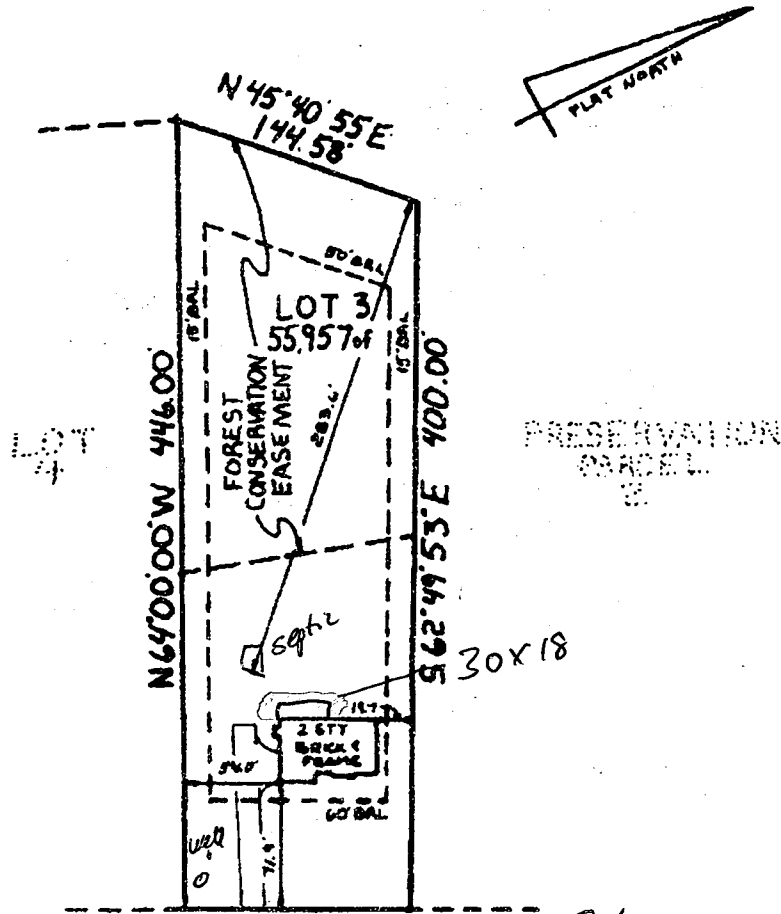
LAND SURFACE (nearest foot)

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)

See Attached location

THIS LOCATION DRAWING IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY, OR ITS AGENTS, IN CONNECTION WITH FINANCING THE PROPERTY SHOWN HEREON. THIS DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF PROPERTY LINES OR THE CONSTRUCTION OF IMPROVEMENTS SUCH AS FENCES, GARAGES, OR BUILDING ADDITIONS. THIS DRAWING SHOWS THE LOT CONFIGURATION AS CURRENTLY RECORDED, BEING SUFFICIENT FOR SETTLEMENT PURPOSES, BUT BEING INSUFFICIENT FOR THE SETTING OF PROPERTY CORNER PINS ON THE GROUND.



PRESERVATION
CONCERN

*Blg permit appl Deck
B00102290*
*per Septic permit and
approved Blg permit site
plan deck will be
exactly 60 ft from S.T.
as installed and 20ft
from S.O.A. + Nearest
Septic Trench. Licensed
approval*
PJW 9/18/96

TOP OF FOUNDATION
WALL ELEV. = 460.2

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE LOCATION DRAWING SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE IMPROVEMENTS HAVE BEEN LOCATED AS THE RESULT OF A FIELD SURVEY, AND THAT THERE ARE NO VISIBLE ENCROACHMENTS, UNLESS SHOWN. THE PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA ON THE FEMA FIRM IDENTIFIED BELOW AT THE OPTION REQUEST OF THE PURCHASER, NO PROPERTY CORNER MARKERS HAVE BEEN SET.

[Signature]
PETER J. DANK
MD. PROPERTY LINE SURVEYOR #224

9-16-96
FINAL



LOCATION DRAWING
DEER TRACK
LOT 3
6744 CORTINA DRIVE

SCALE
1" = 30'

RECORD PLAT NO. 11468
FEMA FIRM NO. 24004V 0032 D
DATED DECEMBER 4, 1986

TEA GROUP, INC.
PLANNING • ARCHITECTURE • ENGINEERING • SURVEYING
8400 BALTIMORE NATIONAL PIKE SUITE 410
ELICOTT CITY, MARYLAND 21043
(410) 483-6100

6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 80' DATE: 8/7/96

B 1 05438 SEQUENCE NO. (DP USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL STATE PERMIT NUMBER HD-92-0367

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) 04-330307 please print or type fill in this form completely

Date Received (APA) 050793 **OWNER INFORMATION** FIELD JOHN 803 BENNETT RD MT AIRY MD 21771

DRILLER INFORMATION George F. Easterday L. Franklin Easterday, Inc. 9265 Brown Church Rd., MT. Airy, Md. 21771

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)

APPROXIMATE DEPTH OF WELL 400 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 other

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

Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER GAP FORCE MAJORITY PERMIT No. HD-92-0367

LOCATION OF WELL HOWARD COUNTY 23 SUBDIVISION SECTION LOT MT AIRY MILES FROM TOWN (enter 0 if in town)

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NEAR WHAT ROAD 647 Lakeview Ct DISTANCE FROM ROAD

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard COUNTY NAME W149251 COUNTY NO. STATE SIGNATURE DATE ISSUED 052093 Mark E. R. Kim EXP. DATE NORTH GRID 554000 EAST GRID 0752000

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

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 John Field: 829-9493 / 998-1234

COUNTY

W 149251

C1 3213

SEQUENCE NO. (DENV 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 NA (Septic in Frederick/Hagerston)

(THIS NUMBER IS TO BE PUNCHED IN CO'S: 3-6 ON ALL CARDS)

STACO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 072993

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-92-0367

OWNER: Field, John; STREET OR RFD: 647 LAKEVIEW CT; TOWN; SUBDIVISION; SECTION; LOT

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): Deepened existing 5" hole from 120'-400. Blue Slate 120-400.

GROUTING RECORD: WELL HAS BEEN GROUTED (YES Y, NO N). TYPE OF GROUTING MATERIAL: CEMENT CM, BENTONITE CLAY BC. NO. OF BAGS; NO. OF POUNDS. GALLONS OF WATER. DEPTH OF GROUT SEAL (to nearest foot): from 48 TOP to 54 BOTTOM.

CASING RECORD: casing types insert appropriate code below. MAIN CASING TYPE: Nominal diameter top (main) casing (nearest inch); Total depth of main casing (nearest foot).

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.

DEPTH (nearest ft.) grid for screen depth. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH).

CIRCLE APPROPRIATE LETTER: 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 IDENT. NO. 40

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

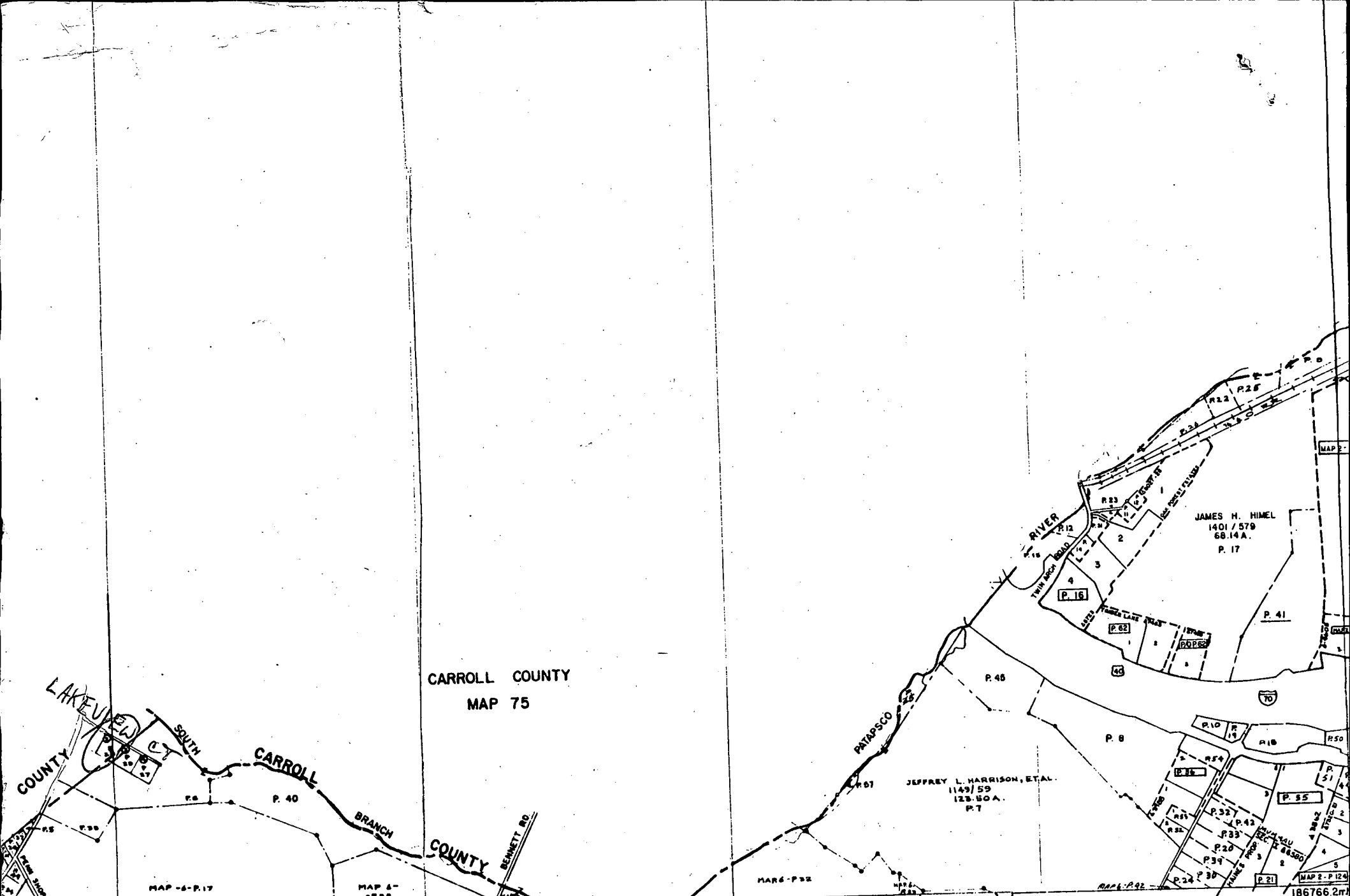
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (E.R.O.S.), W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED (nearest hour) 3; PUMPING RATE (gal. per min. to nearest gal.) 1/2; METHOD USED TO MEASURE PUMPING RATE; WATER LEVEL (distance from land surface) BEFORE PUMPING 50; WHEN PUMPING 400; 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) above, below; 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)



CARROLL COUNTY
MAP 75

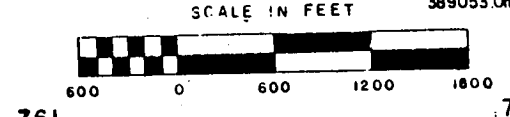
LAKEVIEW
COUNTY
SOUTH
CARROLL
BRANCH
COUNTY
BENNETT RD
MAP 4-P.17
MAP 4-P.18

JEFFREY L. HARRISON, ET. AL.
1149/59
123.50A.
P. 7

JAMES H. HIMEL
1401/579
68.14A.
P. 17

DEPT. OF ASSESSMENTS & TAXATION
PROPERTY MAP DIVISION
THE INFORMATION SHOWN HEREON HAS BEEN COMPILED FROM DEED DESCRIPTIONS AND IS NOT AN ACTUAL SURVEY. IT SHOULD NOT BE USED FOR LEGAL DESCRIPTIONS UNLESS NOTING ERRORS ARE URGED TO THE PROPERTY DEPARTMENT OF ASSESSMENTS & TAXATION.

PROPERTY LINE
SUB-DIVISION BOUNDARY - Z I E - Z
CONTINUING OWNERSHIP - P. 349 (ASSIGNED TO IDENTIFY AND UNDER OWNERSHIP MUST BE PRECEDED BY MAP NUMBER)
SCALE: 1" = 600'
BY LLM LAST R NO 62 PHOTO 200-189 QUADRANGLE A.D. 4



761

HOWARD COUNTY, MARYLAND

IF THEY MAY NOT INCLUDING ELECTRONIC PHOTO IMAGE PROCESSING BE INVENTED WITHOUT PROPERTY MAP DIVISION

752

755

6

186766.2sq. 389053.0m