

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 56541

A 49797

DISTRICT 5th

DATE 4/4/96

DATE SYSTEM APPROVED 5-23-96

INSPECTOR *HR*

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

INDEXED

313-2640

B.W.T., Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 11974 Rte. 216, Scaggsville Rd, Fulton, MD 20759 PHONE (301)498-6138

SUBDIVISION Boarman Property LOT ROAD 12126 MD Rte. 216(Scaggsville Rd.)

PROPERTY OWNER F.J. Boarman

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 225

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

LOCATION - Place the distribution box in the middle of the highest part of the septic area or approximately as follows: 50' off the extreme right front corner of the house and 145' off the right front corner of the garage. 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. *MR OK 4/26/96*

*GRADING FOR WALK-OUT BASEMENT TO BE COMPLETED PRIOR TO SEPTIC SYSTEM APPROVAL* *MR 5/8/96*

PLANS APPROVED BY Mark Rifkin DATE 4/24/96

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.

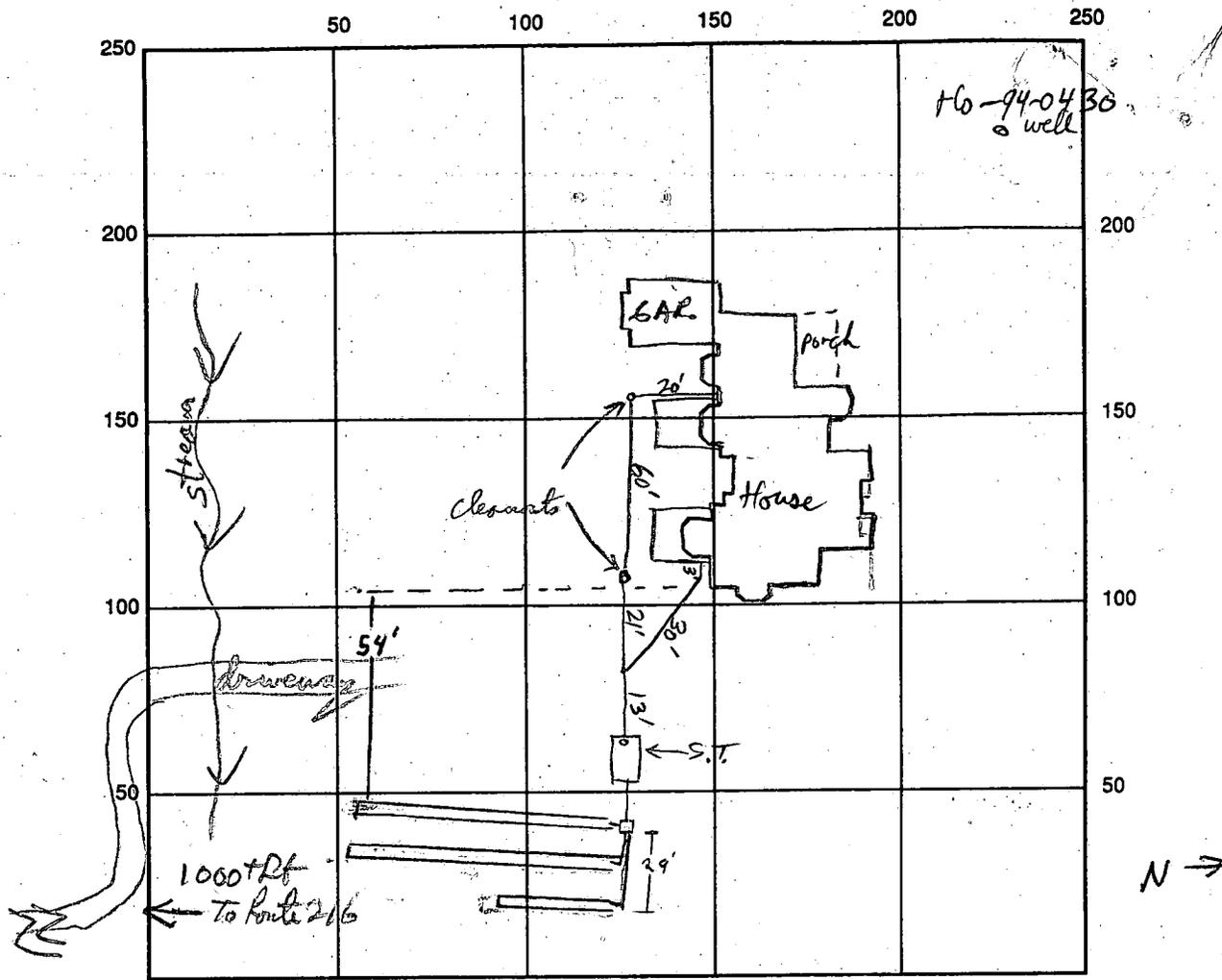
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

HD-260(6-90)

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

A 49797



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2000 gal CLEANOUTS S.T. and 2 on long Run  
 DISTRIBUTION BOX LEVEL OK, BARELY IN  
 DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.  
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH  $\frac{123}{100/100/40}$  = 240' FT.  
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 960 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: OK to cover supply line from house to S.T. (the connections OK) 5/21/96  
5/22/96 OPEN TRENCH INSP. OK, OK TO STOVE TRENCHES  
5/23/96 TRENCHES COMPLETED, OK TO COVER

DATE SYSTEM APPROVED 5-23-96 INSPECTOR [Signature]

2/6/94  
10/00  
1100

# APPLICATION

## PERCOLATION TESTING

A 49797

P \_\_\_\_\_

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

PREVIOUS OK - 1 TEST AREA ONLY  
TWO HOUSE ON 50 ACRES DISTRICT FIFTH  
12-13-93  
EXISTING HOUSES ELSEWHERE ON PROPERTY WOULD EACH REQUIRE 10,000 SQ FT EXEMPTS IF SUBDIVISION WERE PROPOSED. 12/13/93 (CW)  
DATE 12-8-93

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 GEORGE L BOORMAN F. J. Boorman

ADDRESS 13187 HIGHLAND RD 1-410-HOME 854-2252  
12124 Rte. 216, Fulton, MD 20759 PHONE WORK 854-2883

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION 500' NORTH WEST OF INTERSECTION OF MD 216

FULTON ESTATES CT 12126 MD. 216,

TAX MAP 41 PARCEL # b2 Fulton, MD 20759

BLDG. PERMIT SIGNED  
**AND RETURNED 10-20-95**  
Serial # 62143

SIZE OF LOT 54 AC. ± TYPE BLDG. SINGLE FAMILY DWELLING  
(SINGLE FAMILY DWELLING OR COMMERCIAL) 5BR

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.

APPROVED BY C. B. Thack FOR shallow system only DATE 1/6/94  
(SIGNATURE OF APPLICANT) George L. Boorman

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

A# 49797

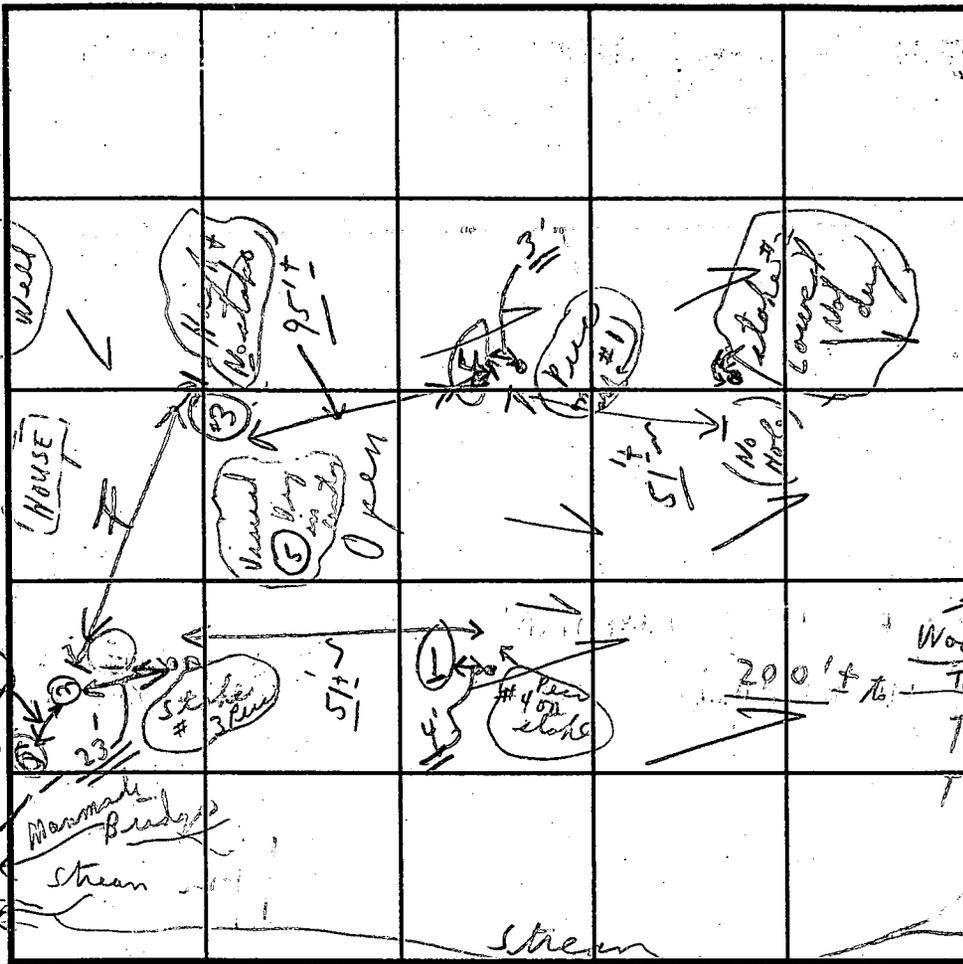
COUNTY #  
Part of farm  
SOIL PROFILE

0' #0 Hole

0'-3 3/4"  
Clay  
3'-3 1/2" to 12'  
Mica  
Loam  
(Low  
Hole)  
To Bottom  
12 1/2' Water

0'-1'  
Clay  
1' to 1'

#3 Hole  
0'-3 3/8"  
Clay  
3'-8" to 12'-3"  
LOAM  
To Bottom  
12 1/2'



SOIL PROFILE #4 Hole  
0' to 3'  
Clay  
3' to 12' 3"  
Mica  
Loam  
To Bottom  
12'-3' (DRY)

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	HOLE TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
1/6/94	#1	3'-3"	11:03	11:08	11:08	11:14	6 min
Thursday	#1	12 1/2'	(0'-3'-3" clay) 3'-3" Loam	To Bottom	To Bottom	To Bottom	(Water 12 1/2')
	#2	3'-10 1/2"	12:13	12:15	12:15	12:18	3 min
	#2	11' 9"	(0'-3' 10" clay) 3' 10" to 11'-9" Loam			DRY	
	#3	3'-8"	11:50	11:58	11:58	12:06	8 min
	#3	12'-3"	(0'-3' 8" clay) 3'-8"-12'-3"	DRY	(Hole in new area) & higher no stake		
	#4	3'	11:23	11:26	11:26	11:28	2 min
	#4	12' 3"	(0'-3' clay) 3'-12' 3" dry ok			DRY	ok
	#5	12'-2"	Visual in center			Loam & dry to 1'	
	#5	11'-9"	(Visual 0'-3 1/2" clay 3 1/2" loam to 11'-9")				

REMARKS 1/6 Test @ back of property. Tests were per stake in open field  
TYPE OF SOIL Below clay - loam (Mica) 0'  
TESTED BY C. B. D. ALSO PRESENT Kettiman  
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME (2)(3)(4)(5)(6) min TRENCH WIDTH 2'  
INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 7' SQ. FT/BEDROOM 180 sq ft/BR.  
(At site 11:00 sharp) {Pencil #2 not dug lowest of stake = original}

C1 3683

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. 3-6 ON ALL CARDS)

COUNTY NUMBER 8# 49797

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 09/29/5

Depth of Well 22 500 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-0430

OWNER BOARDMAN, GEORGE last name 13197 HIGHLAND ROAD first name TOWN FULTON SUBDIVISION TENANT HOME SECTION LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Topsoil, Br. mica w/clay, Br. mica, Top mica schist, Br. mica schist, Top mica schist, Gray mica schist, Flint, Gray mica schist.

WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 250 NO. OF POUNDS 200 GALLONS OF WATER 125 DEPTH OF GROUT SEAL 80 ft.

CASING RECORD MAIN CASING TYPE (ST) Nominal diameter 6 inch Total depth 100 feet

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

SCREEN RECORD screen type (ST) BRASS (BR) OPEN HOLE (HO) PLASTIC (PL) OTHER (OT)

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED (Y)

SCREEN RECORD table with columns: DEPTH (nearest ft.), SLOT SIZE, DIAMETER OF SCREEN. Includes handwritten entry H0 98 300.

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...

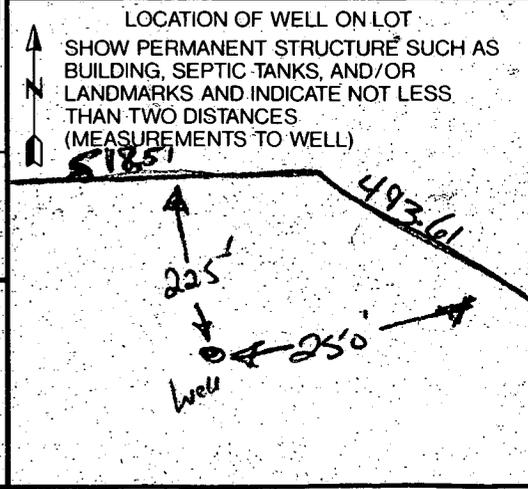
DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE (Must match signature on application) SITE SUPERVISOR (signature) responsible for sitework if different from permittee

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q (74, 75, 76) TELESCOPE CASING LOG INDICATOR 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 22 WHEN PUMPING 125 TYPE OF PUMP USED (for test) 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 CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)



DRILLER

4/24/96  
anytime

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

Receipt # 0  
Date 4/4/96

Name of Installer RWT INC Telephone 498-6138

License Number \_\_\_\_\_  
Certified Well Pump Installer  Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_

Name of Property Owner George L. Boorman Telephone 301-854-2252  
Subdivision Fulton Lot # \_\_\_\_\_ Well Tag # \_\_\_\_\_  
Site Address 12260 Scroggsville Rd, Fulton, MD 20759

**Pump**

- Type
  - Deep well jet \_\_\_\_\_
  - Shallow well jet \_\_\_\_\_
  - Submersible
- Make Jacuzzi
- Model # \_\_\_\_\_
- Capacity 8 GPM
- Pump exceeds well capacity Yes  No \_\_\_\_\_
- If Yes, is low pressure cutoff switch installed? Yes  No \_\_\_\_\_
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other \_\_\_\_\_

**Motor**

- Horsepower 1
- RPM \_\_\_\_\_
- Voltage \_\_\_\_\_
  - 110 \_\_\_\_\_
  - 220

**Pitless Adapter**

- Make ~~Harvard~~ Harvard
- Model # \_\_\_\_\_
- Depth 42"

**Tank**

- Capacity \_\_\_\_\_
- Pressure relief valve?

**Piping**

- Type Goldlaw Jet
- Size 1"
- NSF and/or BOCA Code approved
- Depth of supply line 42"

**Well data**

- Depth 500 ft.
- Yield \_\_\_\_\_ GPM
- Static water level \_\_\_\_\_ ft.
- Will water supply be disinfected by installer?

Pitless adapter with line  
OK to cover @ 4'  
AP 4/28/96

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: 4/3/96

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

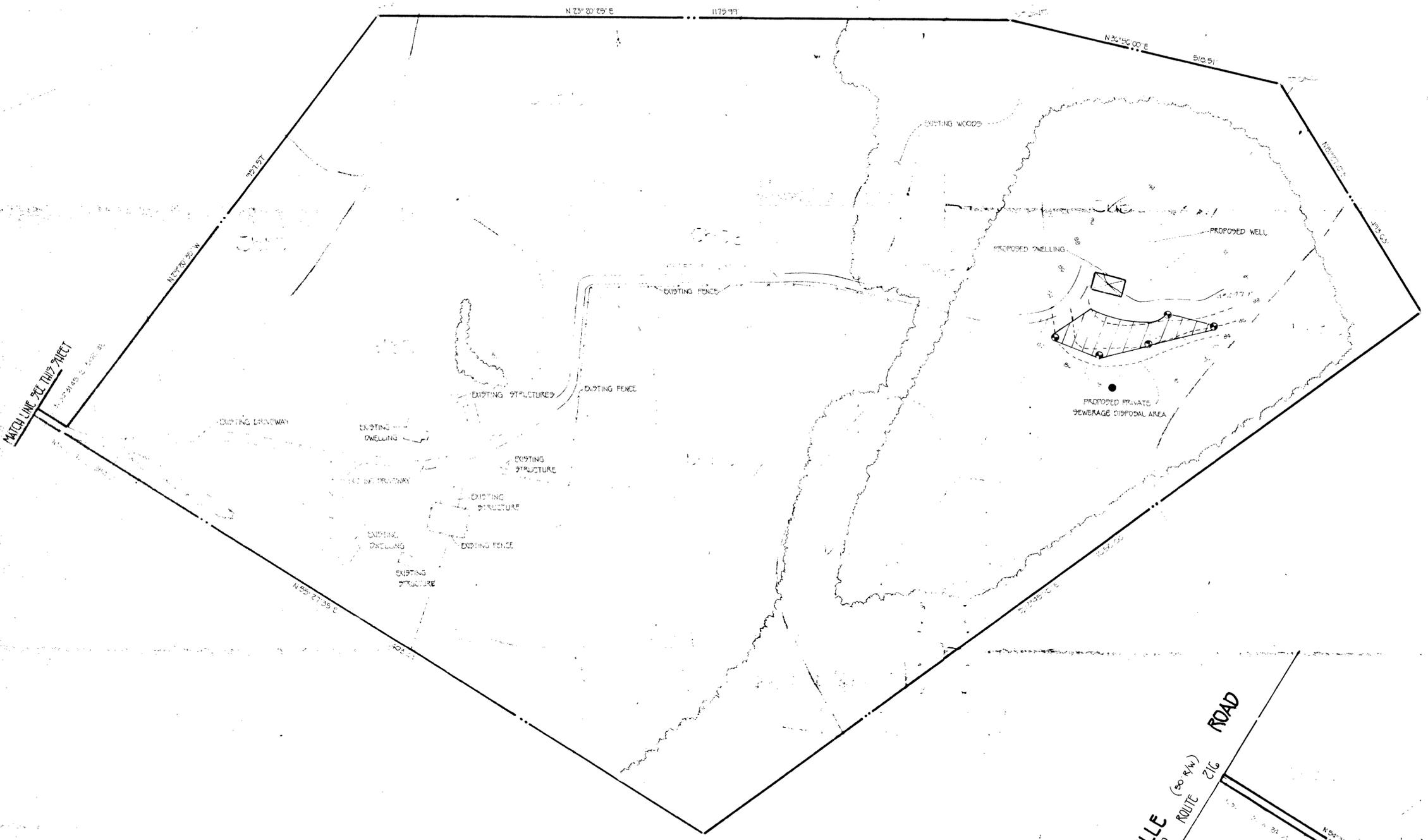
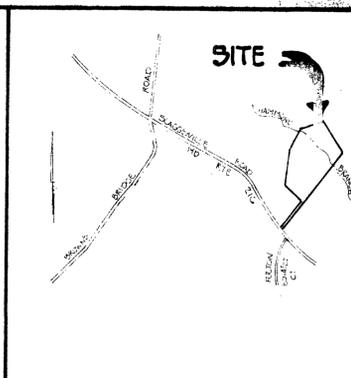
**SOILS LEGEND**

SOIL TYPE	NAME	GROUP
ChDc	CHESTER	D
ChC3	CHESTUP	B
ElC3	ELIOAK	C
EKA	ELIOAK	C
SKBz	ELIOAK	C
EnDz	ELSDORF	D
GpDz	GLYNELG	D
GpCz	GLYNELG	D
GpDz	GLYNELG	D
Kp	KENNAKA	D
MiC3	MANICK	B

SOILS MAP 25

**NOTE:**

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
  2. EXISTING PERC LOLES
  3. FAILED PERC LOLES
- K. H. PHILLIPS



**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERS, PLANNERS & LAND SURVEYORS  
 7121 BALTIMORE NATIONAL BLDG. SUITE 100  
 BELLEVILLE, CITY, MARYLAND 21034  
 TELEPHONE (410) 461-0385  
 FAX (410) 766-3784

APPROVED FOR PRIVATE SEWERAGE DISPOSAL WITH  
 WATER SUPPLY FOR PARCEL 62 TENANT HOUSE.  
*Joyce M. Boydland per JFM 4/25/96*

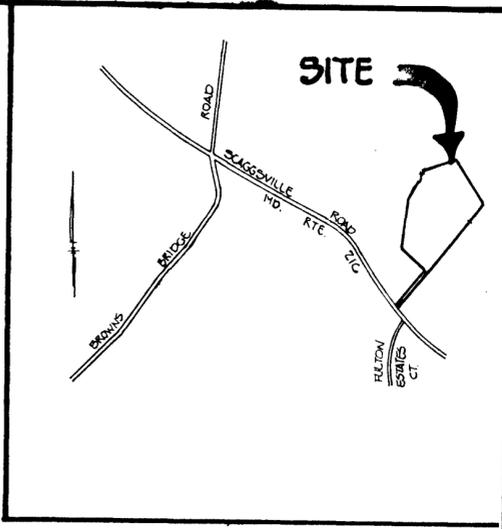
*ChyCh*

NOTE:  
 REVISED PERC AREA  
 NOVEMBER 1, 1995

Signed  
 PERCOLATION TEST CERTIFICATION  
 TOPOGRAPHIC & SOILS MAP  
**BOARMAN PROPERTY**  
 PARCEL 62  
 TAX MAP 13 BOOK 15 PARCEL 62  
 FIFTH EDITION 1987 HOWARD COUNTY, MARYLAND  
 DATE JANUARY 27, 1994

NORTH

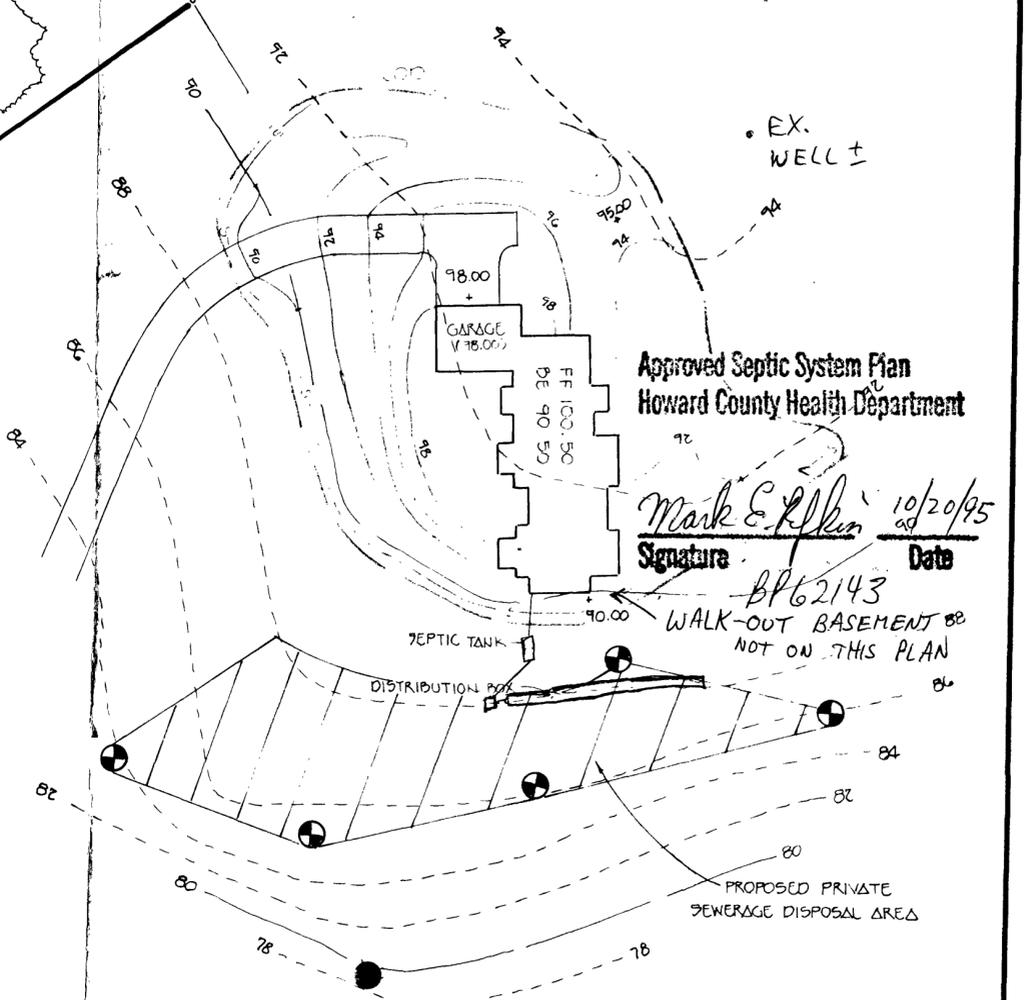
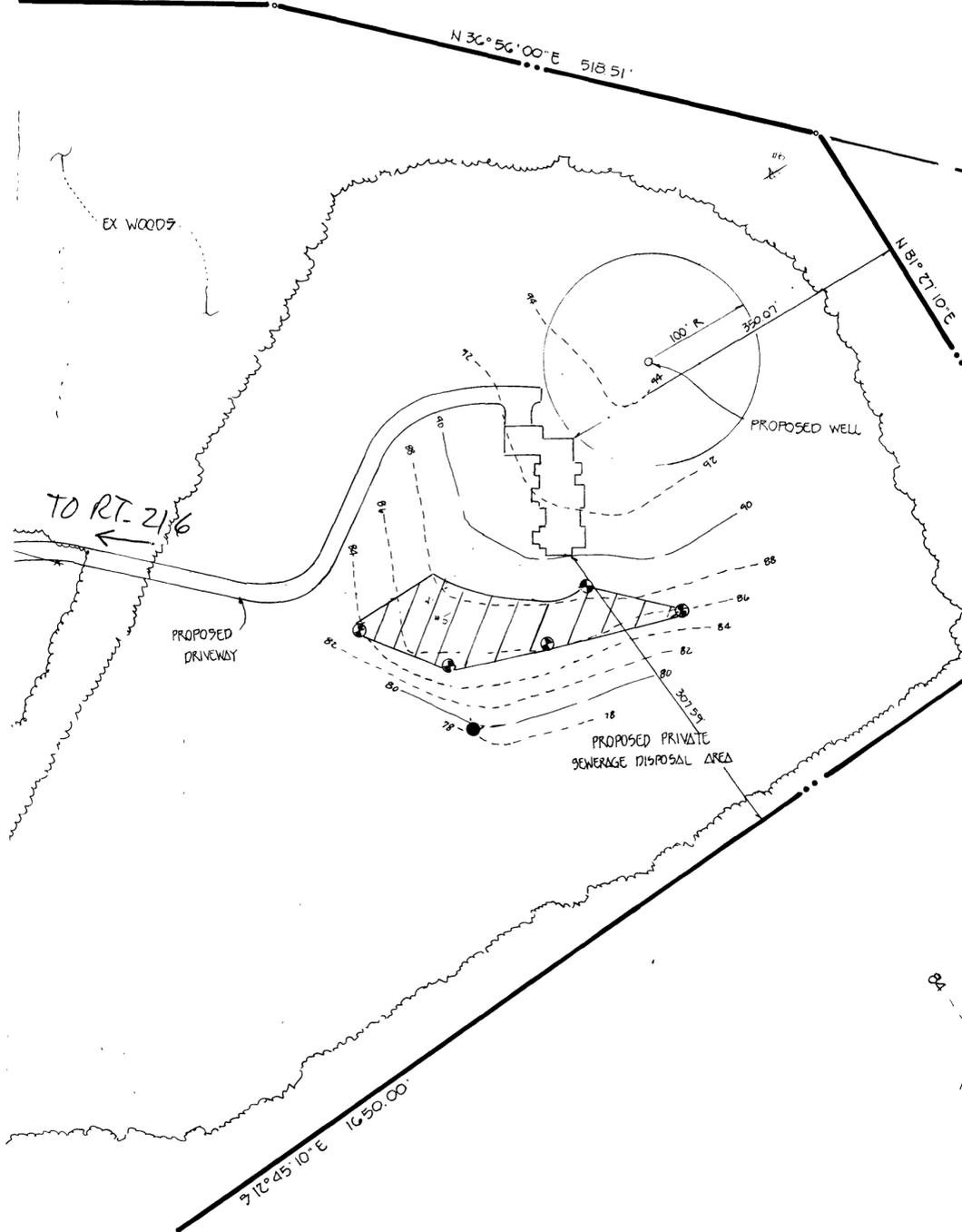
R. H. PHILLIPS



VICINITY MAP  
SCALE 1" = 2000'

**GENERAL NOTES**

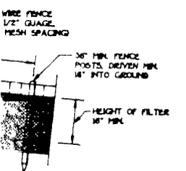
1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
2. PROPOSED 1500 GALLON SEPTIC TANK
  - A. FIRST FLOOR ELEVATION 100'-50"
  - B. BASEMENT ELEVATION 90'-50"
  - C. INVERT OF SEPTIC SYSTEM AT HOUSE 89'-10"
  - D. INVERT IN AT SEPTIC TANK 85'-70"
  - E. INVERT OUT AT SEPTIC TANK 89'-40"
  - F. PROPOSED GRADE OVER SEPTIC TANK 89'-0"
  - G. INVERT AT DISTRIBUTION BOX 85'-00"
  - H. EXISTING GROUND OVER DISTRIBUTION BOX 85'-00"
3. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE
4. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION



Approved Septic System Plan  
Howard County Health Department

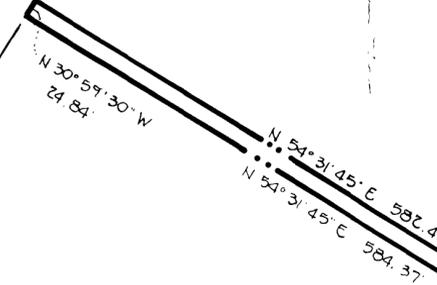
Signature: *Mark E. Riffin* Date: 10/20/95  
BP62143

WALK-OUT BASEMENT NOT ON THIS PLAN



- 20" PINK
- 5" PINK
- TURBID HD
- ELT FENCE
- 1/2" STEEL UTILITY T OR U TYPE OR 2" HARDWOOD
- CE WOVEN WIRE 1/4" GA. 2" MAX. MESH OPENING
- TEE CLOTH FILTER X MESH 100% STAINLESS TH OR APPROVED EQUAL
- FABRICATED UNIT, GEOPAL, ENVIRONMENTAL, OR APPROVED EQUAL

SCAGGSVILLE (50' R/W) ROAD  
MARYLAND ROUTE 216



MATCH LINE SEE THIS SHEET

by FC & C  
PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT  
**BOARMAN PROPERTY**

PARCEL 62

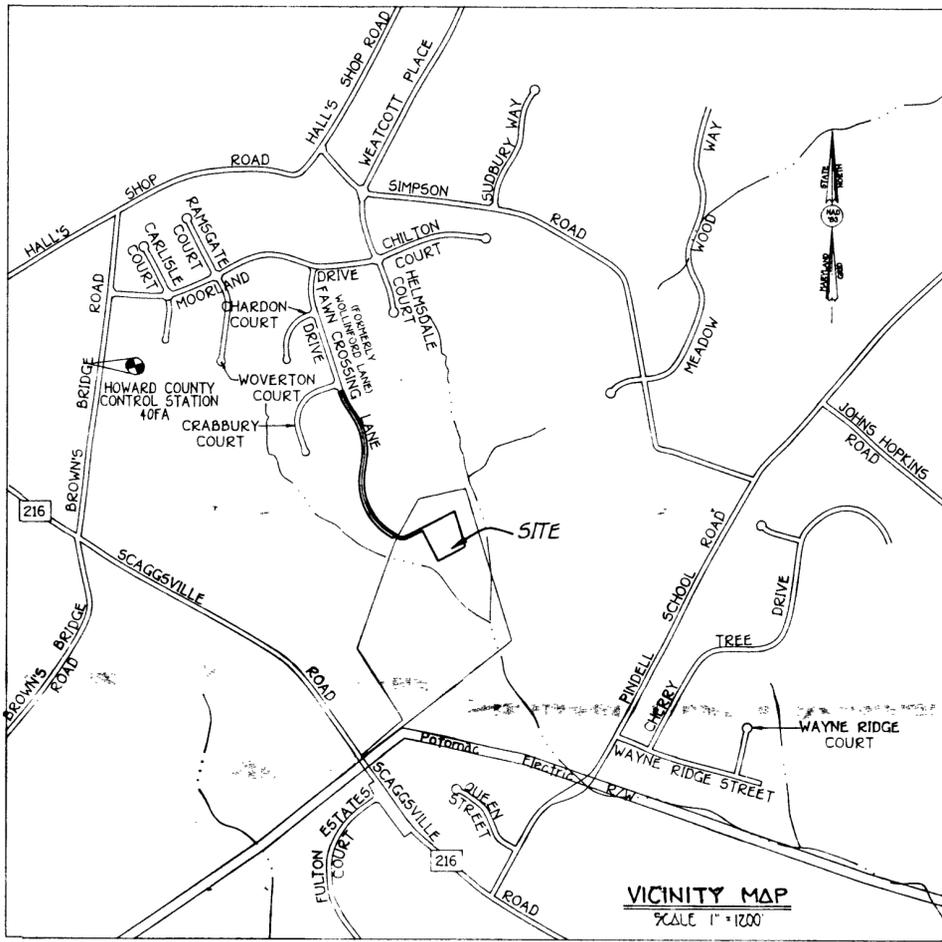
TAX MAP 41 BLOCK 13 PARCEL 62  
FIFTH ELECTION DIST. HOWARD COUNTY, MARYLAND  
SCALE 1" = 100' DATE: JANUARY 27, 1994.

E 5298

U.S. EQUIVALENT COORDINATE TABLE		METRIC EQUIVALENT COORDINATE TABLE			
POINT	NORTH	EAST	POINT	NORTH	EAST
20	546290.175382	1332256.724633	20	166509.578476	406072.661813
50	546647.461944	1332142.571422	50	166618.479637	406037.867845
53	546142.165255	1331970.787271	53	166464.464899	405985.507931
102	547582.184800	1331099.959100	102	166903.383734	405720.078974
103	547610.413600	1331141.228200	103	166911.987889	405732.657821
104	547709.459400	1331073.479100	104	166942.171109	405712.007854
190	547153.481900	1331244.436300	190	166772.714829	405764.115712
191	547029.992600	1331225.061100	191	166735.075215	405758.210140
193	546450.242900	1331482.004600	193	166558.367153	405836.526675
205	547681.230600	1331032.210000	205	166933.572954	405699.429007
206	547161.232000	1331195.040600	206	166775.077064	405749.059873
207	547037.742700	1331175.665400	207	166737.437450	405743.154300
208	546408.441800	1331454.569900	208	166545.626152	405828.164562
340	546369.492380	1331513.915433	340	166533.754345	405846.253116
344	546393.408725	1331568.600451	344	166541.044061	405862.921143
346	546389.504718	1331644.229787	346	166539.854118	405885.973011
347	546367.302815	1331655.722198	347	166533.086964	405889.475905
349	546372.508152	1331554.883887	349	166534.673554	405858.740082
350	546390.384667	1331527.645391	350	166540.12223	405850.4379
364	547770.799099	1331036.810306	364	166960.873487	405700.831183
365	547747.813027	1330992.407147	365	166953.867318	405687.297073
366	546448.350433	1331812.296228	366	166557.790328	405937.199765

CURVE DATA TABULATION					
No. - No.	RADIUS	ARC LENGTH	DELTA	TANGENT	CHORD BEARING AND DISTANCE
347 - 349	100.00'	105.85'	60°38'42"	58.49'	N87°02'42"W 100.97'
344 - 346	75.00'	79.38'	60°38'42"	58.49'	S87°02'42"E 75.73'
364 - 184	595.00'	71.51'	07°00'13"	35.80'	S30°52'15"E 71.46'
183 - 193	595.00'	479.77'	43°17'23"	251.99'	S12°43'41"E 468.44'
191 - 193	595.00'	670.19'	65°38'22"	409.54'	S23°54'10"W 634.14'
208 - 207	635.00'	727.47'	65°38'22"	409.54'	N12°35'41"W 688.34'
206 - 182	595.00'	442.00'	43°17'23"	232.15'	N12°43'41"W 431.56'
205 - 365	635.00'	77.62'	07°00'13"	38.86'	N30°52'15"W 77.57'

- GENERAL NOTES:**
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
  - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
  - SUBJECT PROPERTY ZONED RR-DEO PER 9/18/92 COMPREHENSIVE ZONING PLAN.
  - COORDINATES BASED ON NAD '83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS No. 40FB AND No. 40FA.
- 40FB N 548470.3138  
E 1326000.8427
- 40FA N 548106.8658  
E 1328421.4018
- THIS PLAT IS BASED ON FIELD RUN BOUNDARY SURVEY PERFORMED ON OR ABOUT MARCH, 1995 BY FISHER, COLLINS & CARTER, INC.
  - B.R.L. DENOTES BUILDING RESTRICTION LINE.
  - DENOTES IRON PIN SET CAPPED "F.C.C. 106".
  - DENOTES IRON PIPE OR IRON BAR FOUND.
  - DENOTES ANGULAR CHANGE IN BEARING OF BOUNDARY OR RIGHTS-OF-WAY.
  - DENOTES CONCRETE MONUMENT SET WITH ALUMINUM PLATE "F.C.C. 106".
  - DENOTES STONE OR MONUMENT FOUND.
  - REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF PIPE/FLAG STEM AND THE ROAD R/W AND NOT ONTO THE FLAG/PIPE STEM DRIVEWAY.
  - DRIVEWAY(S) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS:
    - WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE);
    - SURFACE - SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING. (1 1/2" MINIMUM);
    - GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS;
    - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25-LOADING);
    - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE;
    - STRUCTURE CLEARANCES - MINIMUM 12 FEET;
    - MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
  - ALL LOT AREAS ARE MORE OR LESS (±).
  - DISTANCES SHOWN ARE BASED ON SURFACE MEASUREMENT AND NOT REDUCED TO GRID MEASUREMENT.
  - THERE IS AN EXISTING HOUSE ON LOT No. 1 TO REMAIN.



**RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION EASEMENTS**

"DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS "FOREST CONSERVATION AREA"), LOCATED IN, ON, OVER AND THROUGH LOT 1. ANY CONVEYANCES OF THE AFORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOT(S). DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA. UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, AND, IN THE CASE OF THE FOREST CONSERVATION EASEMENT(S), UPON COMPLETION OF THE DEVELOPER'S OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY DEVELOPER AND THE COUNTY, AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY."

THE REQUIREMENTS §3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

*Terrell A. Fisher* 1-23-97  
TERRELL A. FISHER, L.S. 10692 DATE  
(REGISTERED LAND SURVEYOR)

*Florentine J. Boorman* 1-23-97  
FLORENTINE J. BOARMAN DATE  
(OWNER)

*Rosette A. Boorman* 1-23-97  
ROSETTE A. BOARMAN DATE  
(OWNER)

*Peter G. Byrnes* 1-31-97  
WINCHESTER HOMES, INC. DATE  
BY: PETER G. BYRNES

MINIMUM LOT SIZE CHART				
LOT No.	GROSS AREA	PIPESTEM AREA	REMAINING AREA	MINIMUM LOT SIZE
1	4.059 Ac.	1.059 Ac.	3.000 Ac.	3.000 Ac.

**OWNERS**  
WINCHESTER HOMES, INC. 6305 IVY LANE, SUITE 800 GREENBELT MARYLAND 20770 ATTN: MR. KEITH KUBISTA  
FLORENTINE AND ROSETTE BOARMAN 12124 ROUTE 216 FULTON, MARYLAND 20759

**DEVELOPER**  
GEORGE L. BOARMAN AND TERESA A. BOARMAN 12126 ROUTE 216 FULTON, MARYLAND 20759

**TOTAL SHEET AREA TABULATION**

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	1
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED	0
TOTAL NUMBER OF NON-BUILDABLE PARCELS TO BE RECORDED	1
TOTAL NUMBER OF LOTS AND NON-BUILDABLE PARCELS TO BE RECORDED	2
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	4.059 AC.
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	0.000 AC.
TOTAL AREA OF NON-BUILDABLE PARCELS TO BE RECORDED	0.993 AC.
TOTAL AREA OF LOTS AND PARCELS TO BE RECORDED	4.952 AC.
TOTAL AREA OF ROADWAY TO BE RECORDED	0.000 AC.
TOTAL AREA TO BE RECORDED	4.952 AC.

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

*James M. Boyd* 5-16-97  
HOWARD COUNTY HEALTH OFFICER MR DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

\_\_\_\_\_  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

\_\_\_\_\_  
DIRECTOR DATE

**OWNER'S CERTIFICATE**

FLORENTINE J. BOARMAN, ROSETTE A. BOARMAN AND WINCHESTER HOMES, INC. BY PETER G. BYRNES, PRESIDENT, OWNER'S 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 DEPARTMENT 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 IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HERE; (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 WATERWAYS 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 ERRECTED, ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY. WITNESS MY HAND THIS \_\_\_\_ DAY OF \_\_\_\_\_ 1997

*Peter G. Byrnes* 1997  
WINCHESTER HOMES, INC. BY: PETER G. BYRNES WITNESS

*Florentine J. Boorman*  
FLORENTINE J. BOARMAN WITNESS

*Rosette A. Boorman*  
ROSETTE A. BOARMAN WITNESS

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION COMPRISED OF (1) PART OF THE LAND CONVEYED BY JANE C. PEACH TO FLORENTINE J. BOARMAN AND ROSETTE A. BOARMAN, HIS WIFE, BY DEED DATED FEBRUARY 7, 1952 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 237 AT FOLIO 216 AND (2) PART OF THE LAND CONVEYED BY BERWIN JOINT VENTURE TO WINCHESTER HOMES, INC. BY DEED DATED DECEMBER 29, 1992 AND RECORDED AMONG THE AFORESAID LAND RECORDS IN LIBER 2737 AT FOLIO 201, 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, MARYLAND AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED AND MONUMENTATION IS IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

*Terrell A. Fisher* 1-23-97  
TERRELL A. FISHER, Professional Land Surveyor No. 10692 DATE

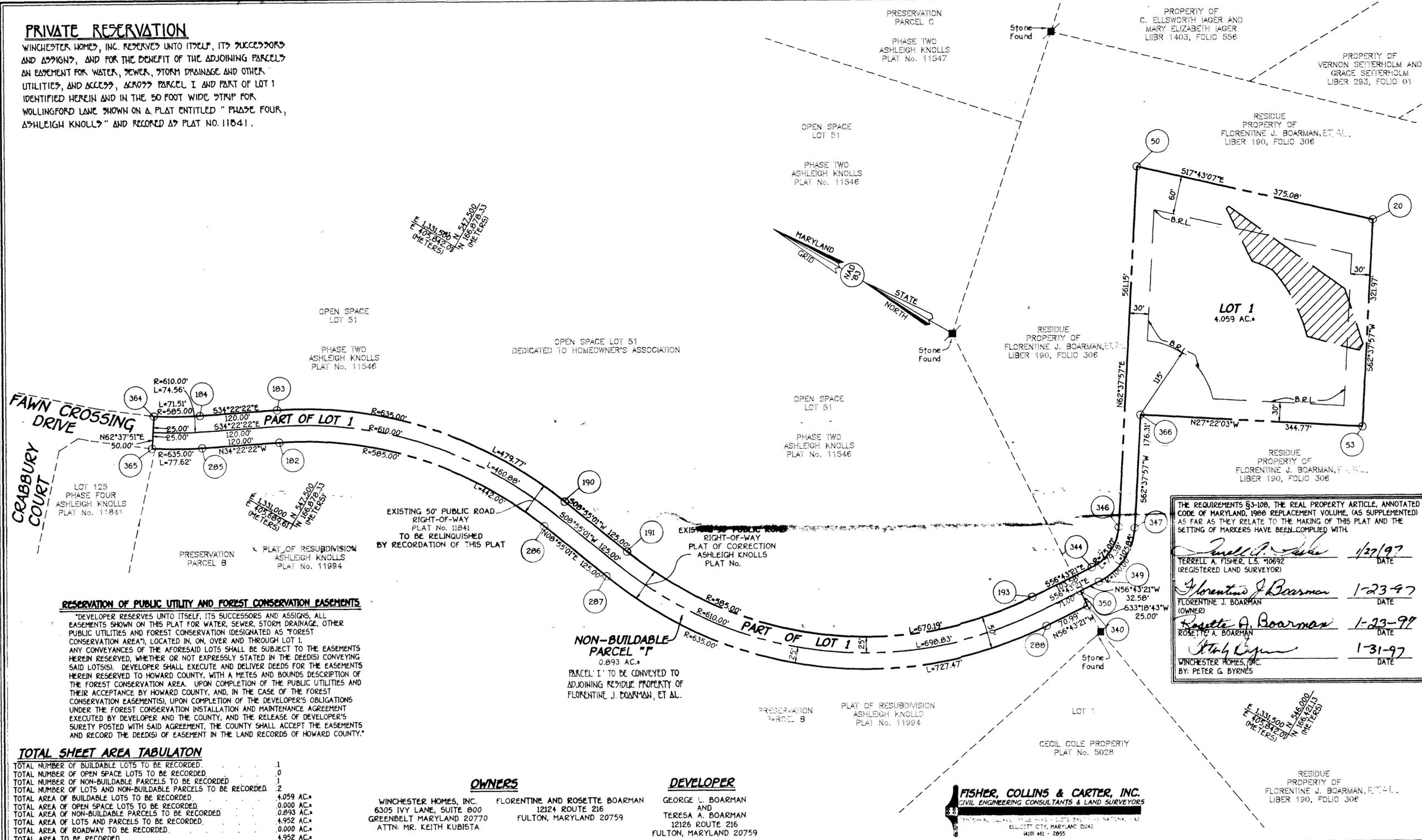
RECORDED AS PLAT No. \_\_\_\_\_ ON \_\_\_\_\_ AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

Signed **BOARMAN PROPERTY**  
**LOT 1 AND NON-BUILDABLE PARCEL "P"**  
A RESUBDIVISION OF WOLLINGFORD WAY - PHASE FOUR - ASHLEIGH KNOLLS (PLAT No. 11841) AND PART OF LIBER No. 190 AT FOLIO 306)  
ZONED: RR-DEO  
TAX MAP No. 41 PART OF PARCEL Nos. 62 AND 132 GRID 13  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DATE: JANUARY 23, 1997

SHEET 1 OF 2  
197-128

**PRIVATE RESERVATION**

WINCHESTER HOMES, INC. RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, AND FOR THE BENEFIT OF THE ADJOINING PARCELS AN EASEMENT FOR WATER, POWER, STORM DRAINAGE AND OTHER UTILITIES, AND ACCESS, ACROSS PARCEL I AND PART OF LOT 1 IDENTIFIED HEREIN AND IN THE 50 FOOT WIDE STRIP FOR WOLLINGFORD LANE SHOWN ON A PLAT ENTITLED "PHASE FOUR, ASHLEIGH KNOLLS" AND RECORDED AS PLAT NO. 11841.



**RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION EASEMENTS**

DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS "FOREST CONSERVATION AREA"), LOCATED IN, ON, OVER AND THROUGH LOT 1. ANY CONVEYANCES OF THE AFORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOT(S). DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA. UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, AND, IN THE CASE OF THE FOREST CONSERVATION EASEMENT(S), UPON COMPLETION OF THE DEVELOPER'S OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY DEVELOPER AND THE COUNTY, AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY.

**TOTAL SHEET AREA TABULATION**

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	1
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED	0
TOTAL NUMBER OF NON-BUILDABLE PARCELS TO BE RECORDED	1
TOTAL NUMBER OF LOTS AND NON-BUILDABLE PARCELS TO BE RECORDED	2
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	4.059 AC.*
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	0.000 AC.*
TOTAL AREA OF NON-BUILDABLE PARCELS TO BE RECORDED	0.893 AC.*
TOTAL AREA OF LOTS AND PARCELS TO BE RECORDED	4.952 AC.*
TOTAL AREA OF ROADWAY TO BE RECORDED	0.000 AC.*
TOTAL AREA TO BE RECORDED	4.952 AC.*

OWNERS	DEVELOPER
WINCHESTER HOMES, INC. 6305 IVY LANE, SUITE 800 GREENBELT MARYLAND 20770 ATTN: MR. KEITH KUBISTA	GEORGE L. BOARMAN AND TERESA A. BOARMAN 12126 ROUTE 216 FULTON, MARYLAND 20759
FLORENTINE AND ROSETTE BOARMAN 12124 ROUTE 216 FULTON, MARYLAND 20759	

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
INTERNATIONAL BUILDING 1115 PINE CREST DRIVE, NATIONAL PARK  
ELICOTT CITY, MARYLAND 21042  
410.461-2855

THE REQUIREMENTS §3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

<i>Terrell A. Fisher</i>	1/27/97	DATE
TERRELL A. FISHER, L.S. #10692 (REGISTERED LAND SURVEYOR)		
<i>Florentine J. Boorman</i>	1-23-97	DATE
FLORENTINE J. BOARMAN (OWNER)		
<i>Rosette A. Boorman</i>	1-23-97	DATE
ROSETTE A. BOARMAN		
<i>Peter G. Byrnes</i>	1-31-97	DATE
WINCHESTER HOMES, INC. BY: PETER G. BYRNES		

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

*James M. Boyd* 5-16-97  
HOWARD COUNTY HEALTH OFFICER H.R. DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

\_\_\_\_\_  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

\_\_\_\_\_  
DIRECTOR DATE

**OWNER'S CERTIFICATE**

FLORENTINE J. BOARMAN, ROSETTE A. BOARMAN AND WINCHESTER HOMES, INC. BY PETER G. BYRNES, PRESIDENT, OWNER'S 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 DEPARTMENT 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 IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HERE; (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 WATERWAYS 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 ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY. WITNESS MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 1997.

*Peter G. Byrnes*  
WINCHESTER HOMES, INC.  
BY: PETER G. BYRNES WITNESS

*Florentine J. Boorman*  
FLORENTINE J. BOARMAN WITNESS

*Rosette A. Boorman*  
ROSETTE A. BOARMAN WITNESS

**SURVEYOR'S CERTIFICATE**

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*Terrell A. Fisher* 1/27/97  
TERRELL A. FISHER, Professional Land Surveyor No. 10692 DATE

RECORDED AS PLAT No. \_\_\_\_\_ ON \_\_\_\_\_  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**BOARMAN PROPERTY**  
**LOT 1 AND NON-BUILDABLE PARCEL "P"**  
(A RESUBDIVISION OF WOLLINGFORD WAY - PHASE FOUR - ASHLEIGH KNOLLS (PLAT No. 11841) AND PART OF LIBER No. 190 AT FOLIO 306)

ZONED: RR-DEO  
TAX MAP No. 41 PART OF PARCEL Nos. 62 AND 132 GRID 13  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DATE: JANUARY 23, 1997

SCALE: 1"=100'

SHEET 2 OF 2  
F97-