

11/7/89. ASAP
11/8/89 11:00

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

03-312712

INDEXED

P 45703

A 38492

DISTRICT 3rd

DATE 10/23/89

DATE SYSTEM APPROVED 11/8/89

INSPECTOR M. Rifkin

Frall Septic Service, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 659, Mt. Airy, Maryland 21771

PHONE 795-5674

SUBDIVISION Triadelphia Woods

ROAD 12600 Fawn Run Court

LOT 45

PROPERTY OWNER Potts Construction Company, Inc.

Golden Oak Rd?

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 220 sq. ft. per bedroom with garbage disposal. 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 - Starting from left rear lot corner as seen at end of flagstem, start first trench 105 feet down rear lot line and 200 feet off this same lot line. Run trenches on contour toward end of flagstem.

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

PLANS APPROVED BY Mark Rifkin

DATE 10/17/89

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

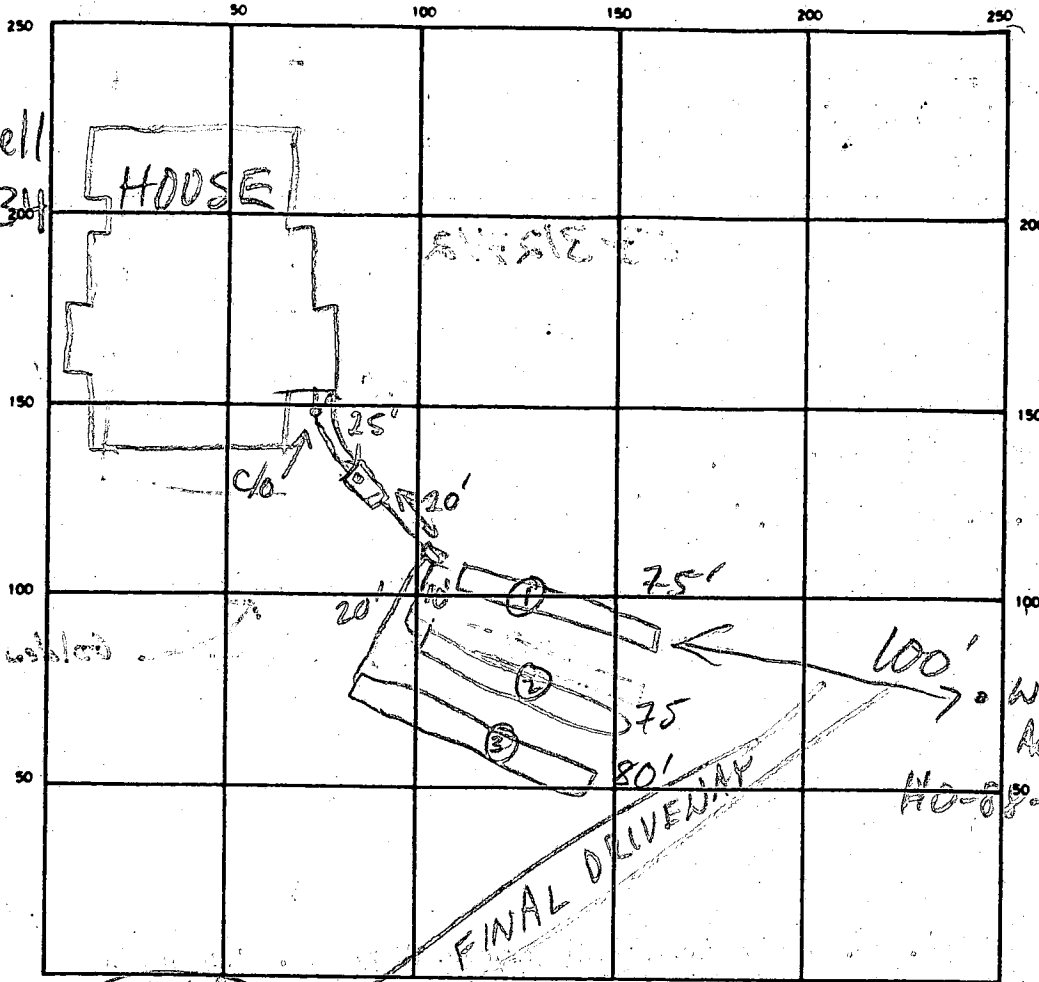
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.**

A38492



well
HO-88-0634

same
Well contour
Adj lot 42
HO-88-2751

FAWN
RUN CT

SEPTIC TANK. LEVEL OK 2000 GAL CLEANOUTS S.T.-OK INLINE-OK
 DISTRIBUTION BOX. LEVEL OK - BAFFLE IN
 DRAIN FIELD/TILE FIELD. DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH ①75 ②75 ③80 = 230 FT.
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 920 SQ. FT.
 DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS 11/7/89 #1 OK TO STONE TRENCH ① + START ②
LEAVING ENDS OPEN, MR 11/7/89 #2 OK TO BACKFILL
① + STONE ② 11/8/89 #1 OK TO BACKFILL ② +
STONE ③ MR 11/8/89 #2 OK TO COVER ALL MR

DATE SYSTEM APPROVED 11/8/89 INSPECTOR M. RIFKIN

Triadelphia Woods
Fawn Run Ct

A 44908
LOT NUMBER: 45

SUBDIVISION:

DRY WELL OR DRY WELL AND TRENCH

sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.
Bottom maximum depth _____ feet below original grade.
Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom
220 sq. ft./bedroom
with g.p.

Trench to be 2 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.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: STARTING FROM LEFT REAR LOT CORNER AS SEEN AT THE END OF FLAGSTEM, START FIRST TRENCH 105' DOWN REAR LOT LINE AND 200' OFF THIS SAME LOT LINE. RUN TRENCHES ON CONTOUR TOWARD END OF FLAGSTEM.

MR 10/17/89

9/8/89
10:00

APPLICATION

PERCOLATION TESTING

A 44908

P _____

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

REVIEW - OK
PROPOSED CHANGE
SEPTIC TANK TO ACCOMMODATE
GRAVITY FLOW BASEMENT,
8/28/89 C.W.

DISTRICT _____

DATE 8/28/89

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Potts Const. Co. Inc.

ADDRESS 6542 Minis Hellaw Rd PHONE 301-531-6050

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Tridelphia wood LOT NO. 45

ROAD AND DESCRIPTION End of Fawn Runct uphill on ~~left~~
Right (top of hill)

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3 ac. TYPE BLDG Single Family
(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.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

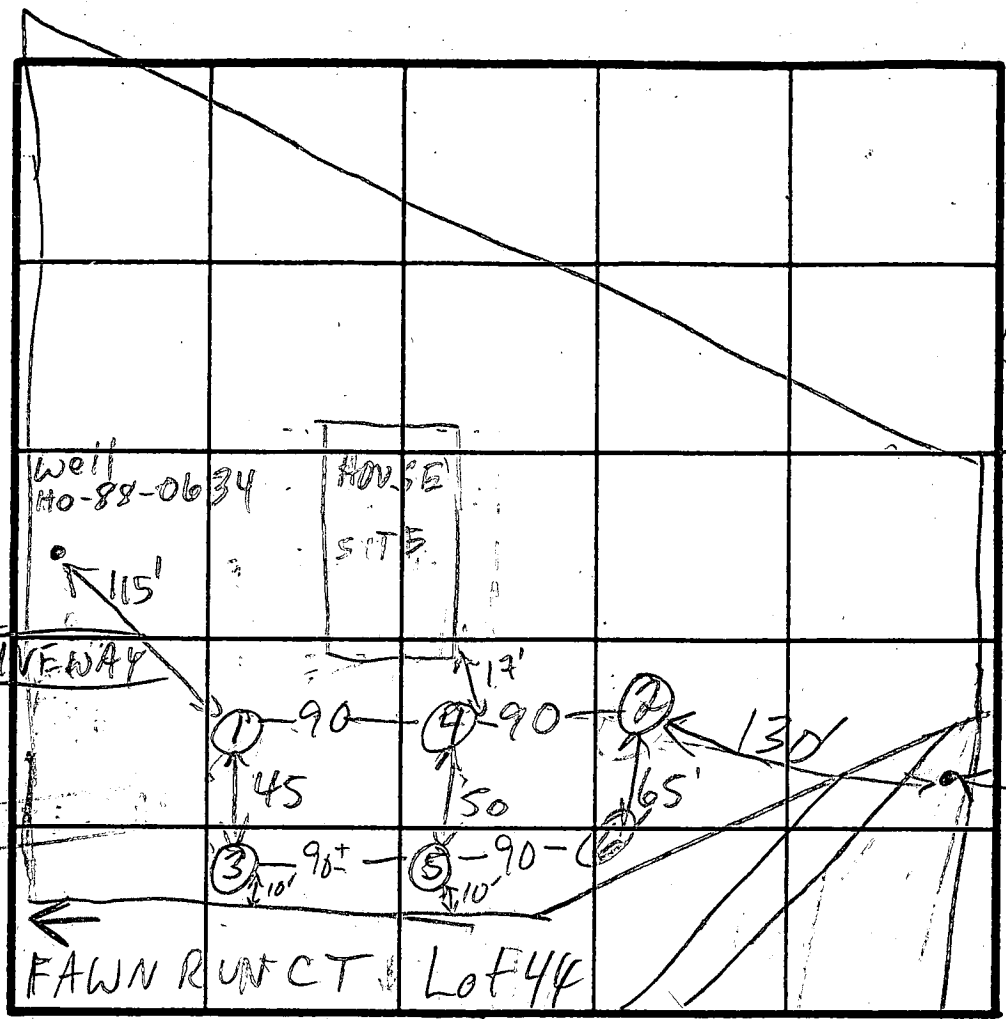
THIS IS NOT A PERMIT

Lot 45
A44908

well
HO-88-0633

SOIL PROFILE

6"
topsoil
019
clay loam
3-32
0194
tan
sand loam
high mica w/quartz
5% frags
13



② H1
④ MED H1
⑥ ⑩ MED
③ ⑤ LO

Lot 49

Well
Lot
47
HO-81-2751

$\bar{x} = 2$
Inlet 3'
Bottom 7'
180 ABR

FAWN RUN CT Lot 44

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

②
topsoil 6"
med
019
clay loam 2 1/2 - 3
white
off-white
sand loam
w/brn
019
sand loam
hard bottom 1 1/2
10% frags

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/8/89	1 S	5 1/2	12:04	12:05	12:05	12:07	2
	1 V	13	see profile				
	2 S	5	12:17	12:17	12:17	12:19	2
	2 V	11 1/2	1:32	1:32	1:32	1:34	2
	2 V	11 1/2	see profile				
	3 S	5	12:33	12:34	12:34	12:36	2
	3 V	12	sim to ① clay to 3'		5% frags high mica		
	4 S	4 1/2	12:44	12:44	12:44	12:46	2
	4 V	11	sim to ① clay to 2'		5% frags moderate mica		
	6 S	3 1/2	1:18	1:18	1:18	1:20	2
	6 V	10	sim to ① clay to 2 1/2'		5% frags some mica		

REMARKS 5 V 9 LOOKS OK RECOMMEND MOVING HOUSE UP HILL 20-30' & EXPAND SDA SAME DIRECTION

TESTED BY M. Rifkin ALSO PRESENT owner, backhoe op.

APPLICATION

PERCOLATION TESTING

A 3842

P _____

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

DISTRICT 3

DATE 10/20/86

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 Patuxent Land Co. Inc.

ADDRESS Potts Construction Co. Inc PHONE 531-5539
531-6050

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Triadelphia Woods LOT NO. 2545 629 LOT 45 Prelim

ROAD AND DESCRIPTION Triadelphia Rd on right 1/2 mile
West of Carroll Mill Rd. (12600 Fawn Run Court)

TAX MAP 22 PARCEL # 528

SIZE OF LOT 3+ Acre TYPE BLDG. _____
(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.

Richard J. Bennett
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Perc Satisfactory, Hold for Subdivision Plat. S. A. H.

EMDG. PERMIT SIGNED
AND RETURNED 8/29/87
Smith # 27990
SFD

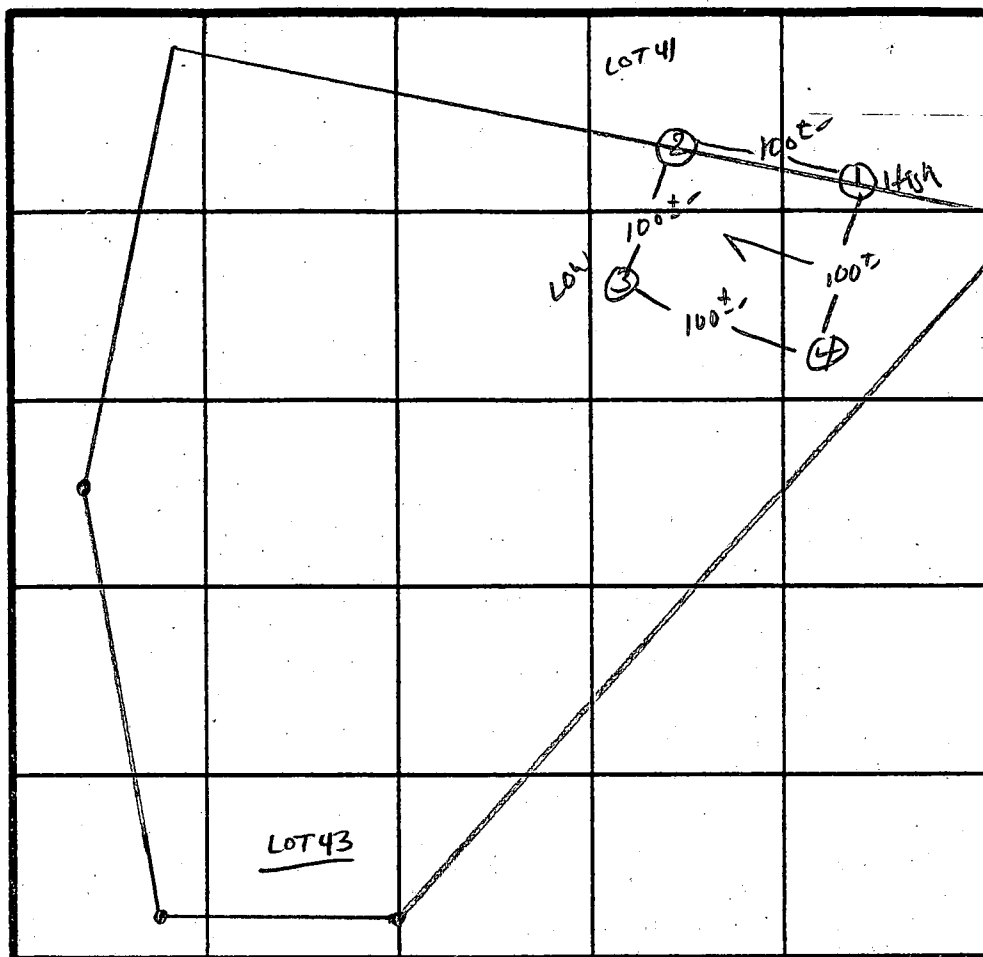
THIS IS NOT A PERMIT

① ② ③ ④
 SOIL PROFILE

6"
 A1-3
 yellowish
 Silty loam
 9% clay
 10-15% FOS

3'
 yellowish
 w/ pink
 casts
 Silty loam
 highly
 micaceous
 20-25%
 FOS

12-13'



X PERC
 3 MIN
 160 Φ 1/8"
 INLET 3"
 BOTTOM 8"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ TO TRIADELPHIA Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/7/87	1 S	3.5	12:07	12:08	12:08	12:11	3 MIN	
	1 M	8'	12:07	12:08	12:08	12:11	3 MIN	
	1 V	13'	UNIFORM soil below 3'					
	2 S	3.5'	12:10	12:11	12:11	12:13	2 MIN	
	2 V	12.5'	UNIFORM soil below 3'					
	3 S	3.5	12:14	12:16	12:16	12:19	3 MIN	
	3 V	12.5'	UNIFORM soil below 3'					
	4 V							

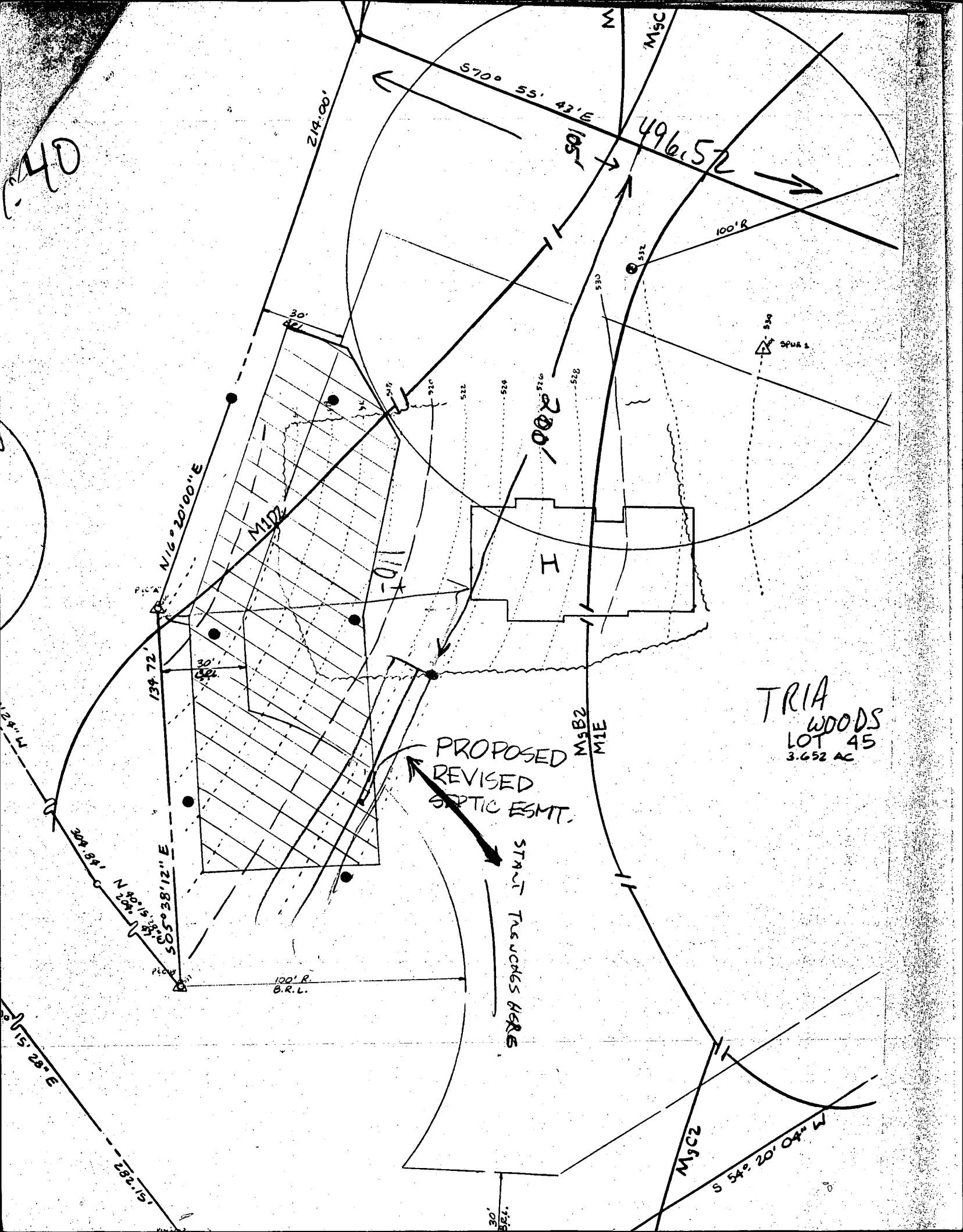
REMARKS Holes Per Plat

TYPE OF SOIL M and R

TESTED BY S. Abel

ALSO PRESENT Neil, Jim, Richard
Kernan

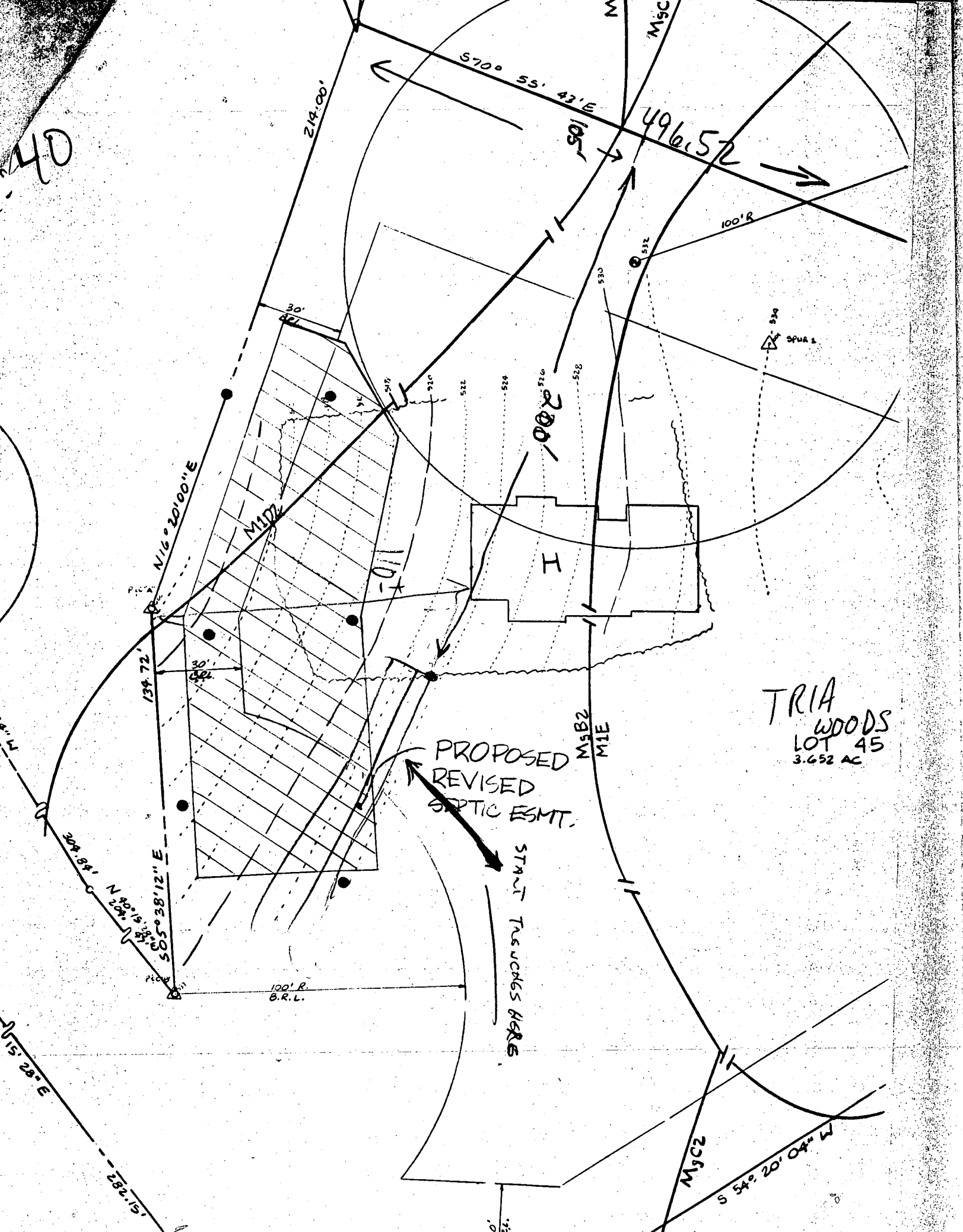
240



TRIA
WOODS
LOT 45
3.652 AC

PROPOSED
REVISED
SEPTIC ESMT.

START TRENCHES
HERE



N116°20'00"E

134.72'

S05°38'12"E

S15°28'E

S52°15'

214.00'

S70°55'42"E

496.52

100' R

M112

110'

200'

M5B2

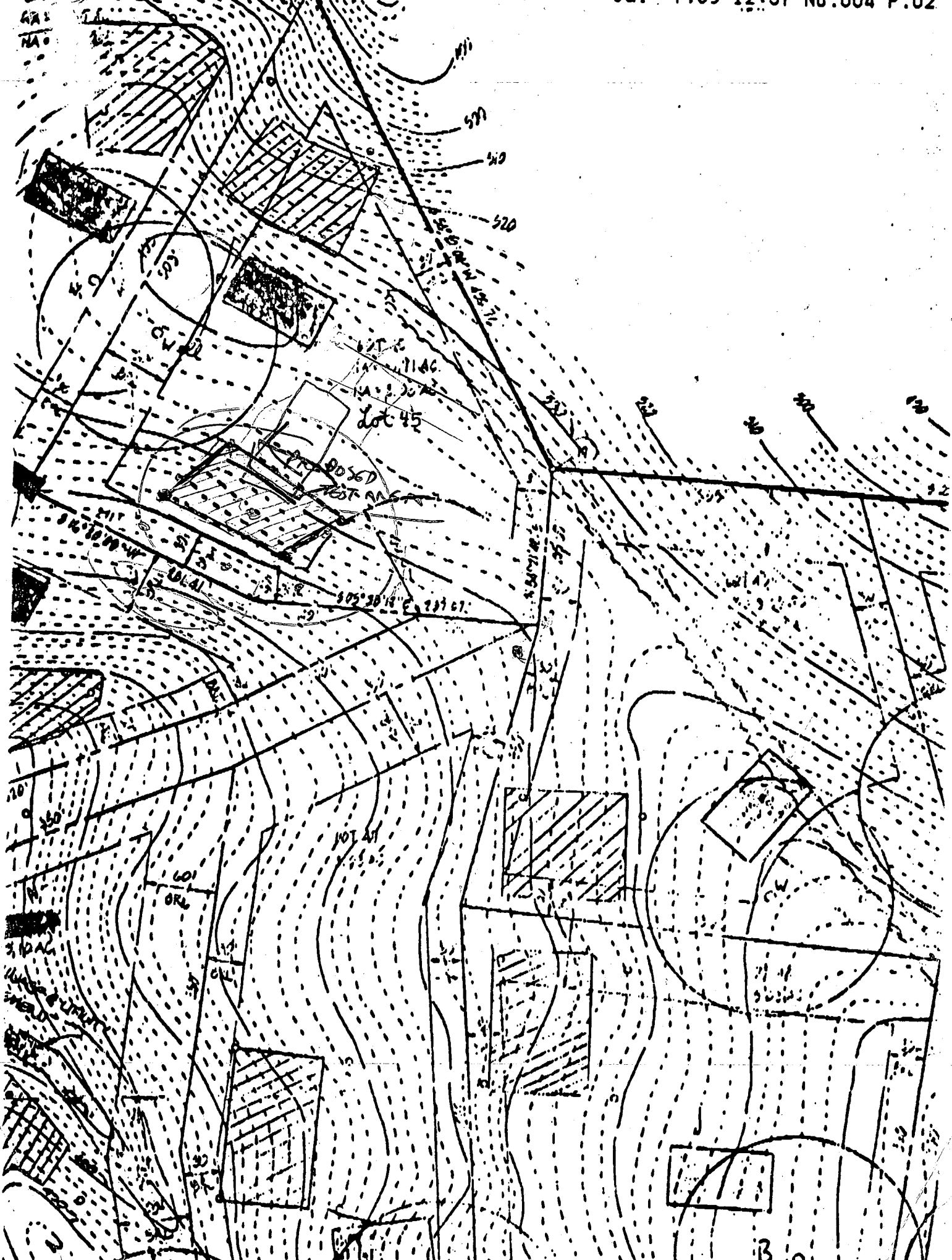
M5C1

M5C2

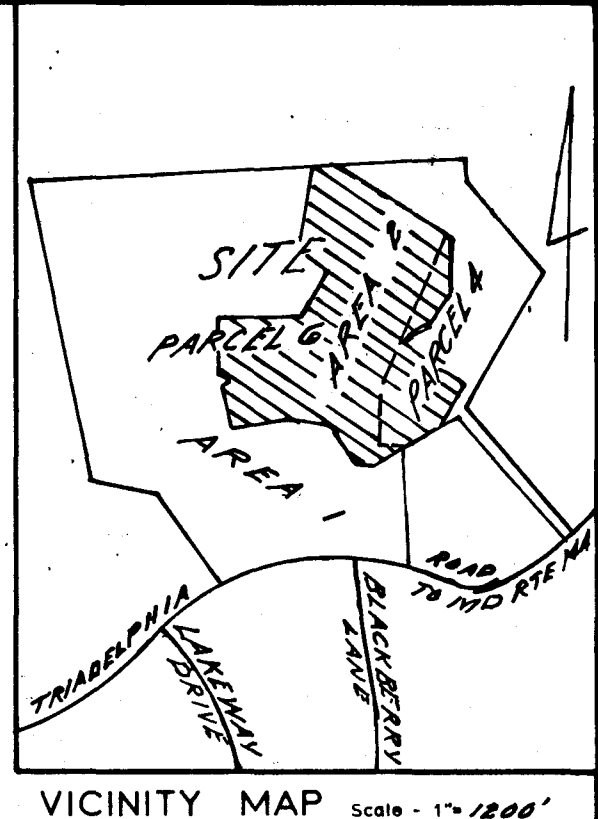
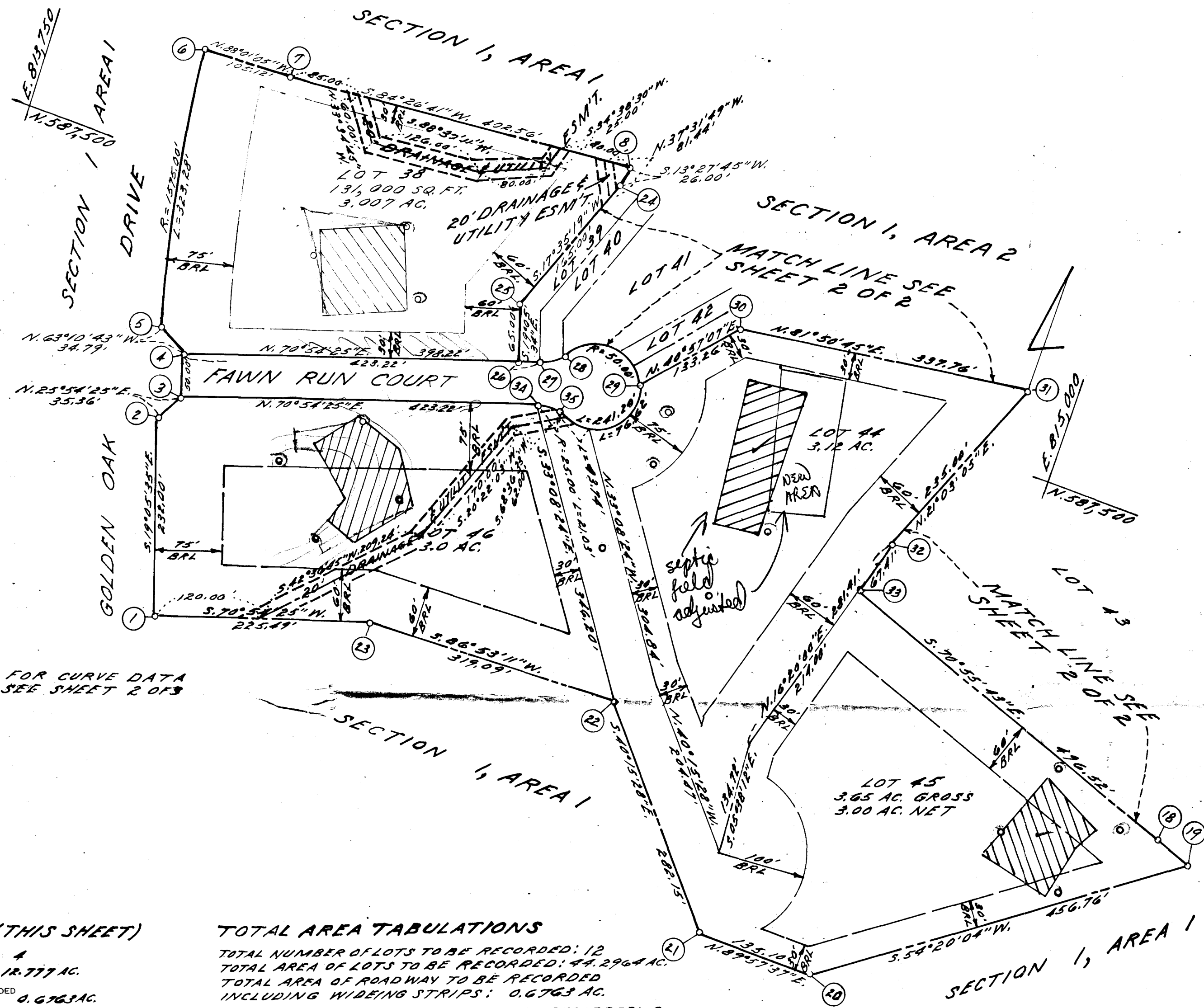
S54°20'04"W

100' R.
G.R.L.

30'



COORDINATE SCHEDULE		
NO.	NORTH	EAST
1	527,003.826	814,003.051
2	527,214.558	813,930.107
3	527,246.361	813,945.554
4	527,293.010	813,929.199
5	527,309.309	813,898.150
6	527,625.609	813,831.482
7	527,629.245	813,939.463
8	527,667,865	814,340.164
9	528,002.413	814,420.250
10	528,048.357	814,225.594
11	528,561.513	814,263.070
12	528,571.485	814,378.640
13	528,202.892	815,099.916
14	527,893.971	815,125.789
15	527,742.881	815,059.438
16	527,590.207	814,922.634
17	527,384.158	815,210.720
18	527,158.063	815,189.396
19	527,146.005	815,223.276
20	526,879.688	814,852.189
21	526,879.594	814,717.885
22	527,094.915	814,534.753
23	527,077.583	814,216.132
24	527,642.580	814,334.110
25	527,485.293	814,284.251
26	527,423.869	814,305.513
27	527,432.046	814,329.137
28	527,455.671	814,320.960
29	527,443.826	814,437.407
30	527,543.669	814,524.747
31	527,591.577	814,859.095
32	527,372.930	814,772.962
33	527,308.241	814,754.005
34	527,384.797	814,345.472
35	527,383.017	814,365.828



- GENERAL NOTES**
- 1) Tax Map - 22, Parcel - 528
 - 2) Deed Reference
 - 3) Coordinates shown hereon are based on Maryland State Plane coordinate system, Howard County control station.
 - 4) Subject property zoned - R per 8-02-85 Comprehensive Zoning Plan.
 - 5) ● - Designates iron pin set. ■ Designates Concrete Monument
 - 6) The lots shown hereon comply with the minimum ownership width and lots required by the Maryland State Department of Health and Mental Hygiene.
 - 7) This area designated a private sewage easement of approximately 10,000 sq. ft. as required by the Maryland State Department 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 sewerage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewer easement. Recordation of a modified sewage easement shall not be necessary.
 - 8) All percolation test holes shown hereon have been field located and shown thus (a).
 - 9) For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and the road right-of-way line, and not onto the flag or pipestem lot driveway.
 - 10) Flag or pipestem lots shall not be further subdivided into lots accommodating additional residences unless a public road can be constructed according to county standards on a minimum fifty (50) foot right-of-way to be deeded to the County.

CONTINUED ON SHEET 3 OF 3

FOR CURVE DATA SEE SHEET 2 OF 3

AREA TABULATIONS (THIS SHEET)

TOTAL NUMBER OF LOTS TO BE RECORDED:	4
TOTAL AREA OF LOTS TO BE RECORDED:	12.777 AC.
TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS:	0.6763 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:	13.4533 AC.

TOTAL AREA TABULATIONS

TOTAL NUMBER OF LOTS TO BE RECORDED:	12
TOTAL AREA OF LOTS TO BE RECORDED:	44.2964 AC.
TOTAL AREA OF ROADWAY TO BE RECORDED INCLUDING WIDENING STRIPS:	0.6763 AC.
TOTAL AREA OF OPEN SPACE TO BE RECORDED:	0
TOTAL AREA OF FLOODPLAIN TO BE RECORDED:	3.7192 AC.
TOTAL AREA OF SUBDIVISION TO BE RECORDED:	44.9727 AC.

app. 3/14/88 J.F.
 @ changed/SA
 Due 10-19
 F-88-67
 OWNER Septic
 PATUXENT LAND COMPANY
 13690 NICOLS DRIVE
 CLARKVILLE, MARYLAND
 F-88-67

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

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR _____ DATE _____

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR _____ DATE _____

OWNER'S STATEMENT

We, PATUXENT LAND COMPANY, 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 _____ day of _____

Richard Bennett, President SEAL

WITNESS _____ WITNESS _____

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct, that it is a _____ of _____ of the lands conveyed by _____

by deed dated _____ and recorded in the Land Records of Howard County, Maryland in Liber at Folio _____ and that all monuments are in place as shown in accordance with the Annotated Code of Maryland, as amended.

William G. Hartel, Professional Land Surveyor, MD. No. 9436 Date _____

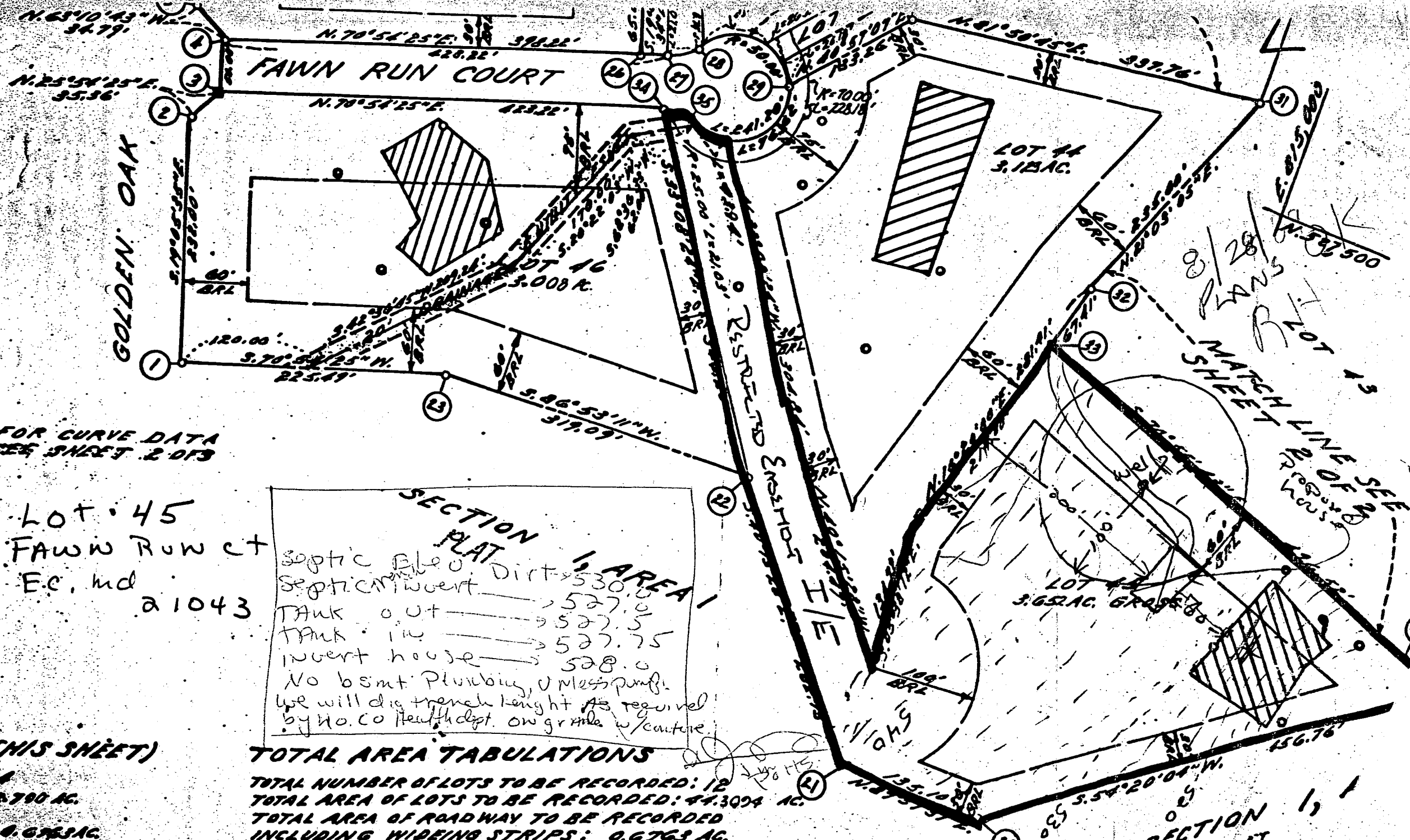
RECORDED AS PLAT ON _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

TRIADDELPHIA WOODS
 LOTS 38-46
 SECTION 1, AREA 2
 A RESUBDIVISION OF PARCELS 4 & 7 THRU 10

TAX MAP - 22
 TAX MAP PARCEL NO. - 528
 EX. ZONING - R
 ELECTION DISTRICT - 3RD.
 HOWARD COUNTY, MARYLAND
 SCALE - 1"=100'
 DATE - Aug. 1987
 O. P. & Z. FILE NOS. - VP-81-52, VP-81-53, VP-86-66, P-81-26, P-85-23, P-87-66, P-87-27

boender associates
 inc.
 consulting engineers
 SEP 22 1987 land surveyors
 land planners

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



FOR CURVE DATA
SEE SHEET 2 OF 3

Lot 45
FAWN RUN CT
E.C. md
21043

SECTION PLAT AREA 1

Septic Elev. Dirt 530.0
 Septic Invert 527.0
 Tank out 527.5
 Tank in 527.75
 Invert house 528.0

No bsmt. Plumbing, or mess pump.
 We will dig trench height as required
 by No. Co Health Dept. on grade w/curb.

TOTAL AREA TABULATIONS

TOTAL NUMBER OF LOTS TO BE RECORDED: 12
 TOTAL AREA OF LOTS TO BE RECORDED: 41.3024 AC.
 TOTAL AREA OF ROADWAY TO BE RECORDED
 INCLUDING WIDEING STRIPS: 0.6763 AC.
 TOTAL AREA OF OPEN SPACE TO BE RECORDED: 0
 TOTAL AREA OF FLOOD PLAIN TO BE RECORDED: 1.3915 AC

(THIS SHEET)

DEED: 4
 ID: 18,700 AC.
 FORGED: G. G. SAC.
 RECORDED: 0
 KNOWN: A

SECTION PLAT

B 1 **9139** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

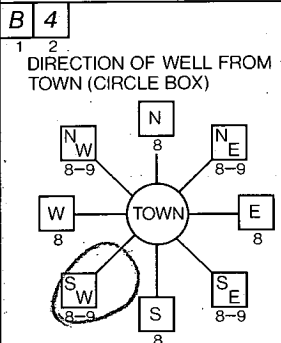
STATE OF MARYLAND
PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
140-88-0634
 fill in this form completely

Date Received (APA) **051089** OWNER INFORMATION
PATUKENT LAND CO.
 Last Name Owner First Name
DOB 208
 Street or RFD
CLARKSVILLE MD 21029
 Town State Zip

B 3 LOCATION OF WELL R **44193**
HOWARD COUNTY
TRIAD DELPHIA WOODS SUBDIVISION
 SECTION **45** LOT **45**
MAYFIELD NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION
 Driller's Name **George F. Easterday** License No. **40**
 Firm Name **L. Franklin Easterday, Inc.**
 Address **9265 Brown Church Rd., NT. Airy, Md. 21771**
 Signature **George F. Easterday** Date **5/4/89**



FAWN RUN CT NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **200** FT

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A 38492 COUNTY NO.
 STATE SIGNATURE _____ DATE ISSUED **051989**
 CO SIGNATURE **Sally Abel** EXP. DATE **11-18-89**
 NORTH GRID **527000** EAST GRID **0814000**

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)

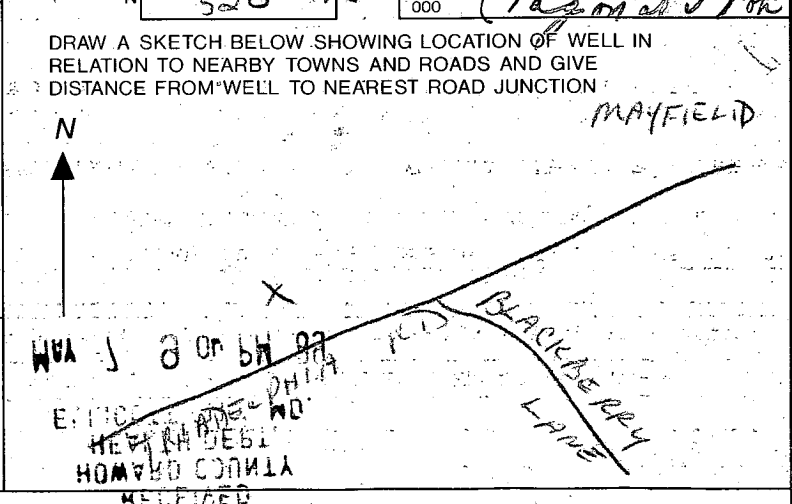
APPROXIMATE DEPTH OF WELL **200** FEET

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 _____

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
 E **810 4**
 N **520 7**

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 N THIS WELL WILL NOT REPLACE AN EXISTING WELL
 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 D 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 (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **54** PERMIT No. **140-88-0634**

SPECIAL CONDITIONS

C1 2471

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 A-38492

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 060189

22 26 400 (TO NEAREST FOOT)

28 37 40-88-0634

OWNER: HARYONT LAND COMPANY, STREET OR RFD: FAWN RUN CT, TOWN: MARYFIELD, SUBDIVISION: TRADITIONAL WOODS, SECTION, LOT 45

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Br Shale, Tan mica, Gray mica, Br mica, Gray mica, Br mica, Gray mica, Br mica, Gray mica, Br mica, Gray mica, Br mica, Gray mica, Br mica, Gray mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 12, NO. OF POUNDS: 7200, GALLONS OF WATER: 160, DEPTH OF GROUT SEAL: from 0 to 20 ft.

CASING RECORD: casing types insert appropriate code below. MAIN CASING TYPE: ST, Nominal diameter: 6, Total depth of main casing: 35.

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

SCREEN RECORD: screen type or open hole insert appropriate code below. SCREEN TYPE: ST, BR, HO, PL, OT.

DEPTH (nearest ft.): 11 23, 15 17, 19 21, 23 24, 26 30, 32 36, 38 39, 41 45, 47 51.

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 10.17.13 "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 (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 2 3, DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

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

PUMPING TEST: HOURS PUMPED (nearest hour) 2, PUMPING RATE (gal. per min. to nearest gal.) 3, METHOD USED TO MEASURE PUMPING RATE: Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING: 26, WHEN PUMPING: 703, TYPE OF PUMP USED (for test): C centrifugal, S submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE: 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 below 49, LAND SURFACE (nearest foot) 50 51.

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)

COUNTY

Page _____ of _____
Date _____

6-26-89
11:00

Mar 10 97

Review OK 8/31/89 CW

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0634
Location of property (road) Fawn Run Ct.
Subdivision Philadelphia Woods Lot 45 Block _____ Plat _____ Sec. _____
Well Driller G. E. Foster Owner Falcon Land Co.

Depth of well 400 1.5
Distance of measuring point (M.P.) above ground 2 FT
Static water level (S.W.L.) below M.P. 26'

I. High rate pumping -- reservoir drawdown

Time pump started 1:00 Pumping rate 10 GPM
Total time WHR. to reach pumping water level 203 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
2:00	203	20 SEC.	380 FT.	3 GPM
2:15	203	20 SEC.		3 GPM
2:30	203	20 SEC.		3 GPM
2:45	203	20 SEC.		3 GPM
3:00	203	20 SEC.		3 GPM
3:15	203	20 SEC.		3 GPM
3:30	203	20 SEC.		3 GPM
3:45	203	20 SEC.		3 GPM
4:00	203	20 SEC.		3 GPM
4:15	203	20 SEC.		3 GPM
4:30	203	20 SEC.		3 GPM
4:45	203	20 SEC.		3 GPM
5:00	203	20 SEC.		3 GPM
5:15	203	20 SEC.		3 GPM
5:30	203	20 SEC.		3 GPM
5:45	203	20 SEC.		3 GPM
6:00	203	20 SEC.		3 GPM
6:15	203	20 SEC.		3 GPM
6:30	203	20 SEC.		3 GPM
6:45	203	20 SEC.		3 GPM
7:00	203	20 SEC.		3 GPM
7:15	203	20 SEC.		3 GPM
7:30	203	20 SEC.		3 GPM
7:45	203	20 SEC.		3 GPM
HD-224 800	203	20 SEC.		3 GPM

12-1-89
NOON

12/1/89 Partial
C.B.S.

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933
160000

New Installation
Replacement

Receipt # 45294
Date 11.21.89

Name of Installer David F. Rickle Plumbing + Heating Telephone 301-795-1220

License number Master Plumber Ho. Co. #5335
Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Ronald & Elaine Schuster Telephone N/A
Subdivision Triadelphia Woods Lot # 45 Well tag # HO-88-0634
Site Address 1206 12608 Fawn Run Court
Ellicott City, Maryland 21043

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make Goulds
3. Model # 7EH15412
4. Capacity 7 GPM
5. Pump exceeds well capacity Yes No
6. If Yes, is low pressure cutoff switch installed? Yes No
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Motor
1. Horsepower 1.5
2. RPM 3450
3. Voltage
a. 110
b. 220

Pitless Adapter
1. Make Martinson
2. Model # B-10X
3. Depth 42"-48"

Tank
1. Capacity 65
2. Pressure relief valve? Yes - 1/2"

Piping
1. Type Polybutylene
2. Size 1" C.T.S.
3. NSF and/or BOCA Code approved Yes
4. Depth of supply line 42"-48"

Well data
1. Depth 400 ft.
2. Yield 3 GPM
3. Static water level 26 ft.
4. Will water supply be disinfected by installer? Yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: David F. Rickle

Date: 11.21.89

{ NO WORK AT NOON }

12/1/89 Partial, pitless adapter and water well line not started

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

C.B.S.