

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

INDEX

DATE 9/15/81

Approved
Flayer
P 31320
A 31320

9/22/81
Checked

9/24/81
9/25/81
10:20am
9/28/81
A.M.
as soon as possible and
p.m.

Larry Tyson IS PERMITTED TO INSTALL ALTER

ADDRESS 7700 U.S. 29, Laurel, Maryland 20810 PHONE 286-2415

SUBDIVISION Forest Hill ROAD 5990 Trotter Rd. LOT 28

PROPERTY OWNER Larry Tyson

ADDRESS 7700 U.S. 29, Laurel, Maryland 20810

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE 4 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 6 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN

FACING LOT FROM

Trench 163 square ft. sidewall area per bedroom. Start the trench at a point 150 ft. from the front lot line and 125 ft. from the left side of the lot as seen when facing the lot from Trotter Rd. Run the trench along level ground toward the left side of the lot as seen when facing the lot from Trotter Rd. Trench is to be 10 ft. deep with the inlet at 4 1/2 ft. deep below original grade and contain 5 1/2 ft. of stone effective depth of the ditch is from 6 ft. to 10 ft. below original grade. No ditch to be over 100 ft. in length. Parallel ditches to be at least 12 ft. apart. Specs changed 7/23/81 by Raymond Hodges, because owner preferred ditch system to dry well & ditch system. Either one is OK.

PLANS APPROVED BY Raymond Hodges DATE 7/29/81

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

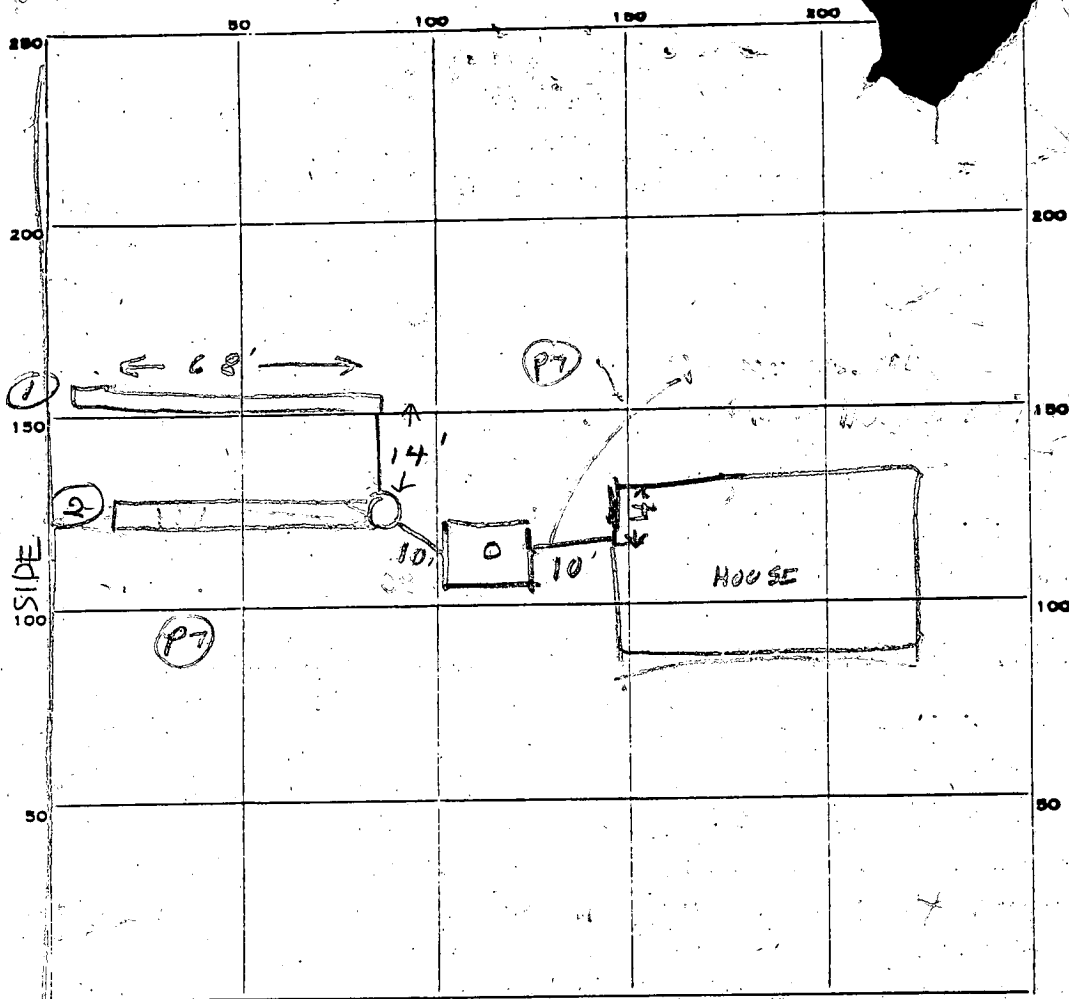
PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

A 31320

163
3
489



(P7) - PERC
TEST
SITES

15" in 10ft

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

ST

SEPTIC TANK, LEVEL OK 1500
TOP 2 FT TO 3 FT B.O.G.

CLEANOUTS OK

DISTRIBUTION BOX, LEVEL _____

OK

TILE FIELD, DEPTH 10 / 10 FT. TRENCH WIDTH 2 / 2 FT.

GRAVEL DEPTH 7 1/2 IN. TOTAL LENGTH 68 / 56 FT.

NUMBER OF TRENCHES (1) (2) TOTAL BOTTOM AREA 272 / 224

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 496 SQ. FT.

REMARKS 9/23/81 LOCATION OK PER PLANS HOWEVER TOO MUCH

SLOPE HOUSE TO TANK. DISCUSSED WITH FS. & H. HUBER. FS SAID USE A STEP
DOWN PIPE CONNECTION SO THAT 7-8 FT OF PIPE NEAREST TANK HAS A GENTLE SLOPE RU

9/24/81 - Pipe slope from house to tank corrected, OK to cover from

house to dist box. OK to add stone in no. #1 trench. #

9/25/81 DITCH #1 OK TO COVER DITCH (1) 272 SQ FT BELOW TOP 6 FT CLAY. OK

9/28/81 - OK to add stone in #2 trench. # 9/28/81 Final OK. #

DATE SYSTEM APPROVED 9/28/81 INSPECTOR _____

Stayer

C1 8106 SEQUENCE NO. (WRA USE ONLY)

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

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED COUNTY NUMBER A 31320

Date Received (WRA use only) 7/8/81 DATE WELL COMPLETED

Depth of Well 100 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-73-3934

OWNER TVSON last name Trotter first name Larry STREET OR RFD Trotter Road TOWN Clarksville SUBDIVISION Forest Hills SECTION LOT 23 (new 28)

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top soil, shaley, sandstone, and sandstone.

- CIRCLE APPROPRIATE BOX [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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

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)

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 8 NO. OF POUNDS 800 GALLONS OF WATER 40 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 26 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE (S, T) Nominal diameter top(main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 31

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

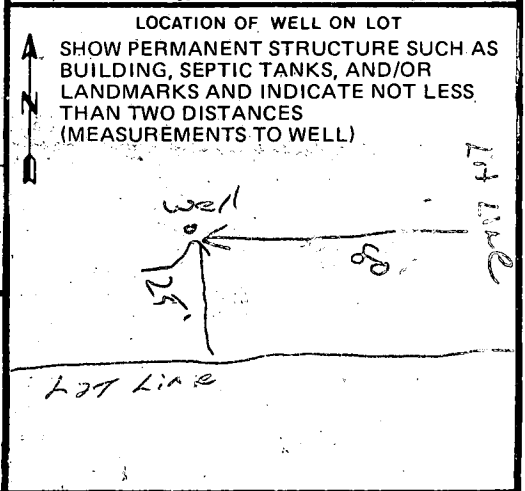
SCREEN RECORD screen type or open hole insert appropriate code below (S, T, B, R, H, O, P, L, O, T) PLASTIC OTHER

DEPTH (nearest ft.) 29 105 SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX (F)

WRA 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.) 15 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 28 WHEN PUMPING 100 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 YES (Y) NO (N) DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O) CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) (4) above LAND SURFACE (2) (nearest foot) below



B 1 8155 SEQUENCE NO. WRA USE ONLY
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 OF ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

WRA PERMIT NUMBER
40-73-3934
fill in this form completely

DATE RECEIVED: 6-3-81
7/8/81
9:30 A.M. MOWNER INFORMATION
1st
Wilson Larry
LAST NAME OWNER FIRST NAME
5403 Watergrass Place
Colemanville Md 21045
TOWN STATE ZIP

B 3 LOCATION OF WELL
COUNTY Howard
SUBDIVISION Forest Hills
SECTION 23 LOT 213
NEAREST TOWN Clarksville
MILES FROM TOWN 2 MI

B 1 CONTINUED DRILLER INFORMATION
George Eastarday 40
DRILLER'S NAME LICENSE NO. 80
George Eastarday 6-2-81
SIGNATURE DATE

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
Trotter Rd
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
300
DISTANCE FROM ROAD
(CIRCLE APPROPRIATE BOX)

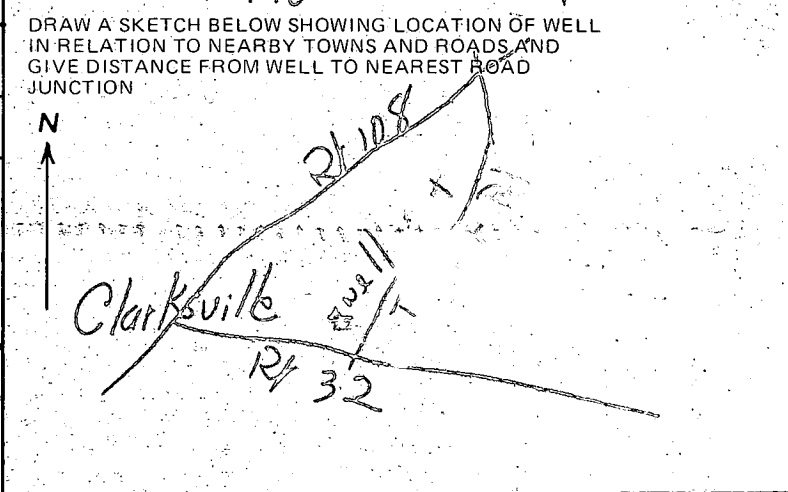
B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 600

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
31' casing
22 1/2' wave gr
26' open
8' days cement
7/8/81
88
820 2
496 9

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 150 FEET
APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

Method of Drilling (circle one)
BORED (OR AUGERED) JETTED JETTED & DRIVEN
AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC)
CABLE REVERSE ROTARY DRIVE POINT ROTARY
other



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 DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD A31320
COUNTY NAME COUNTY NO.
EHA SIGNATURE STATE HEALTH CIRCLE BOX
MO DAY YR
06 24 81
CO SIGNATURE DATE
Frank S.
NORTH 499 EAST 0822 ELEV. (FT.)
GRID 50 55 GRID 57 65 68

Not to be filled in by driller (WRA USE ONLY)
APPROP. PERMIT NUMBER 54 GAP
WRITE INITIALS IN BOX CONDITIONS 50-73-3934
A E N S G W Q C L U
70 71 72 73 74 75 76 77 78 79

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

APPLICATION

Final
4/23/81
9:30 A.M.

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31320

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 4/13/81

LOCAL PERMITS SIGNED
AND DELIVERED 8/7/81

#48349 - SFD

LOCAL PERMITS SIGNED
AND DELIVERED

#47256

7/23/81 SH60

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 Von Bretzel property (Contract Purchaser - Larry Tyson)

ADDRESS 5403 Watercress Place, Columbia, Md. 21045 PHONE 992-9341

PROPERTY LOCATION:

SUBDIVISION Forest Hills LOT NO. 23 (resubdivision of this lot)

ROAD AND DESCRIPTION Trotter Road

SIZE OF LOT ? TYPE BLDG. 3 or 4 bedrooms
(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

L.G. Tyson

(SIGNATURE OF APPLICANT)

APPROVED BY RH FOR _____ DATE 4/24/81

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

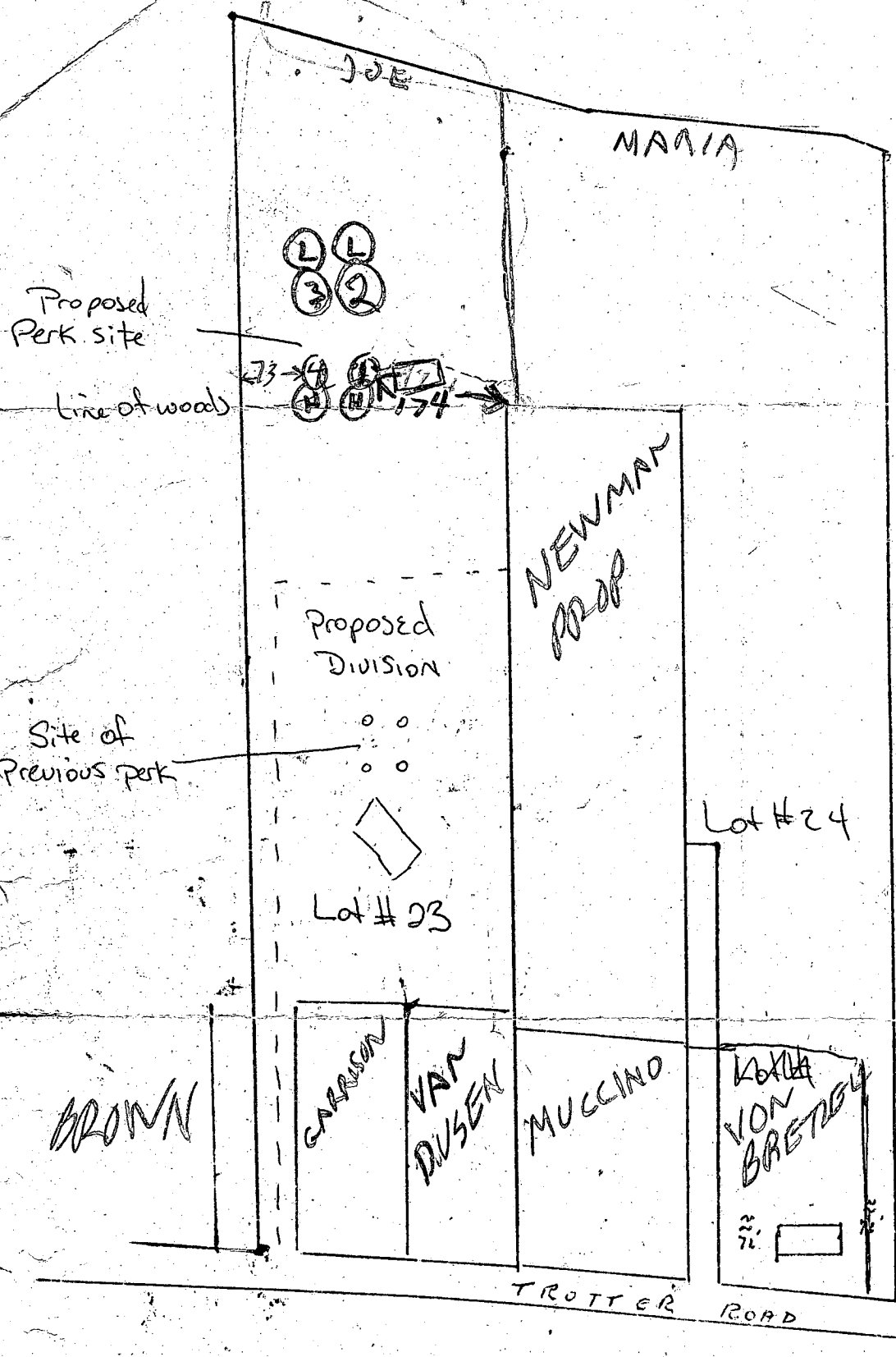
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Proposed Subdivision of Von Bretzel property

Trotter Road, Clarksville

Perk scheduled 4/23/81



0/5
7/9
1/4

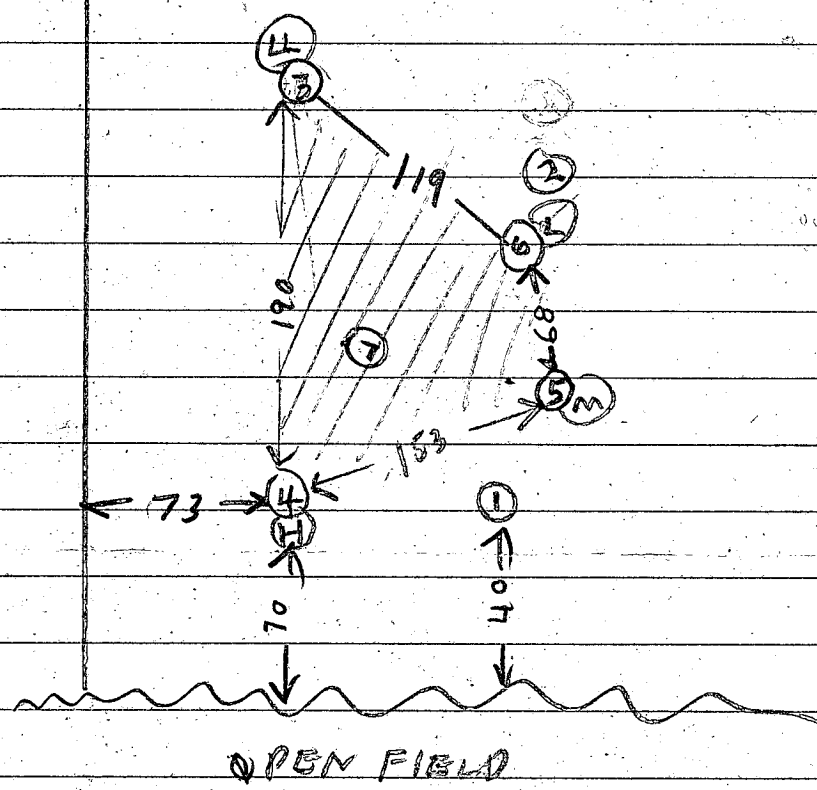
10/10/81

Page 2

A 31320

BACK

FOREST HILLS
RESUB OF LOT 23

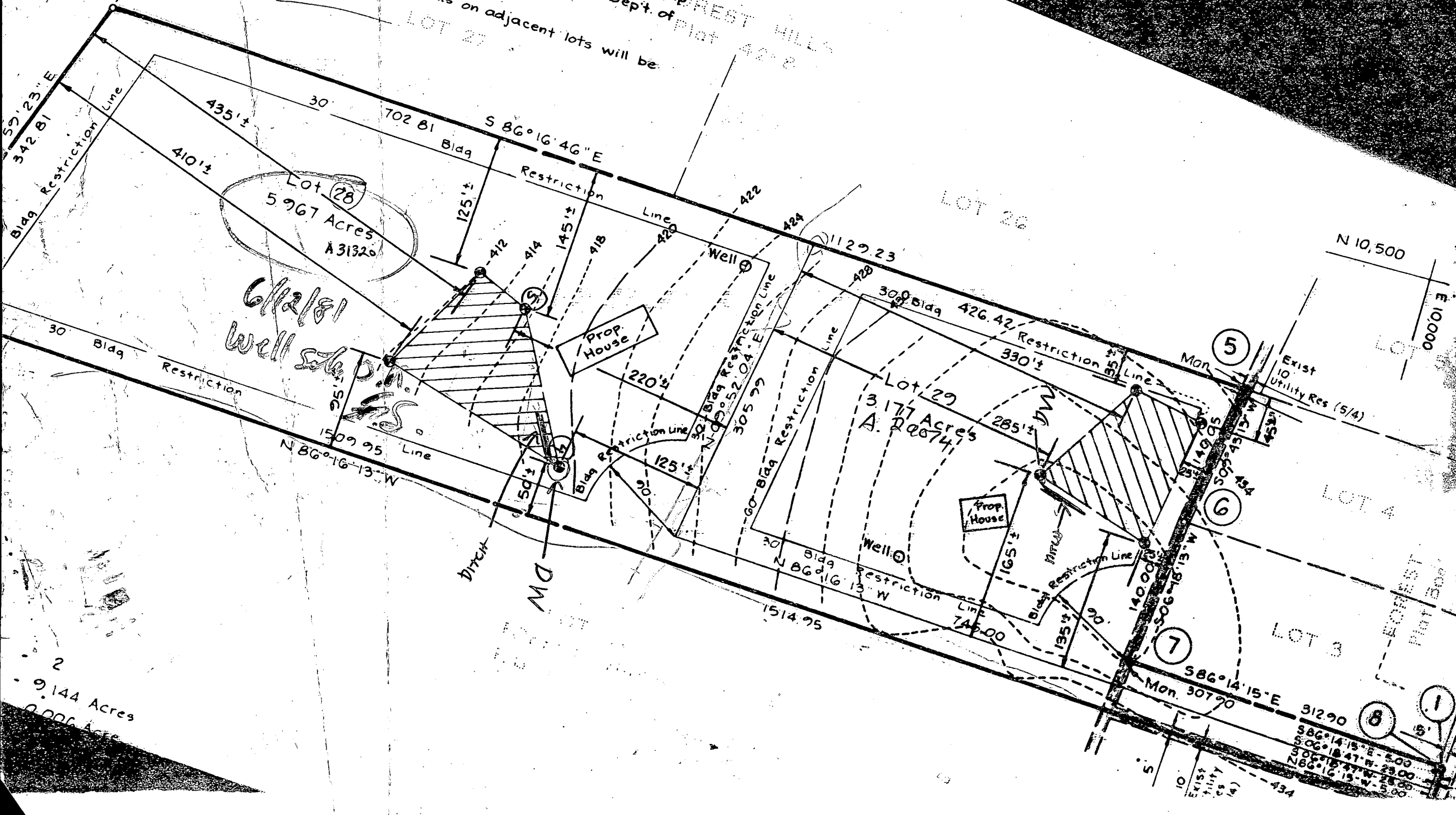


NEWMAN
LOT

4122181 - SEWAGE DISPOSAL AREA
 INCLUDES HOLES 3 4 5 6 7
 USE 4 FOR DW

...the minimum ownership REST HILLS
...shown where pertinent. ... by the Md. State Dept. of

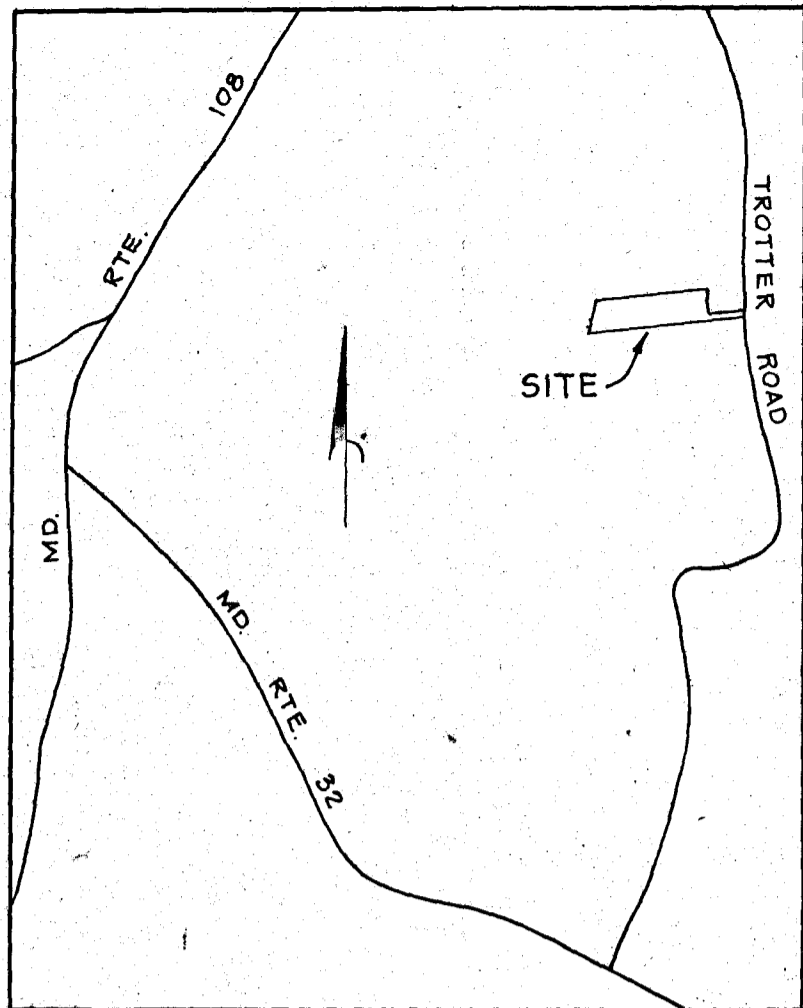
4



2
9.144 Acres
0.006 Acres

1
200
Plot 200

Exist
Utility
Res
(5/4)



VICINITY MAP scale: 1" = 2000'

NOTES:

- For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem lot driveway.
- Subject property zoned R per 10-3-78 Comprehensive Zoning Plan.
- Private Sewer Easement of approx. 10,000 sq. ft. as req'd. by the Maryland State Dept of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
- Soil Percolation Test

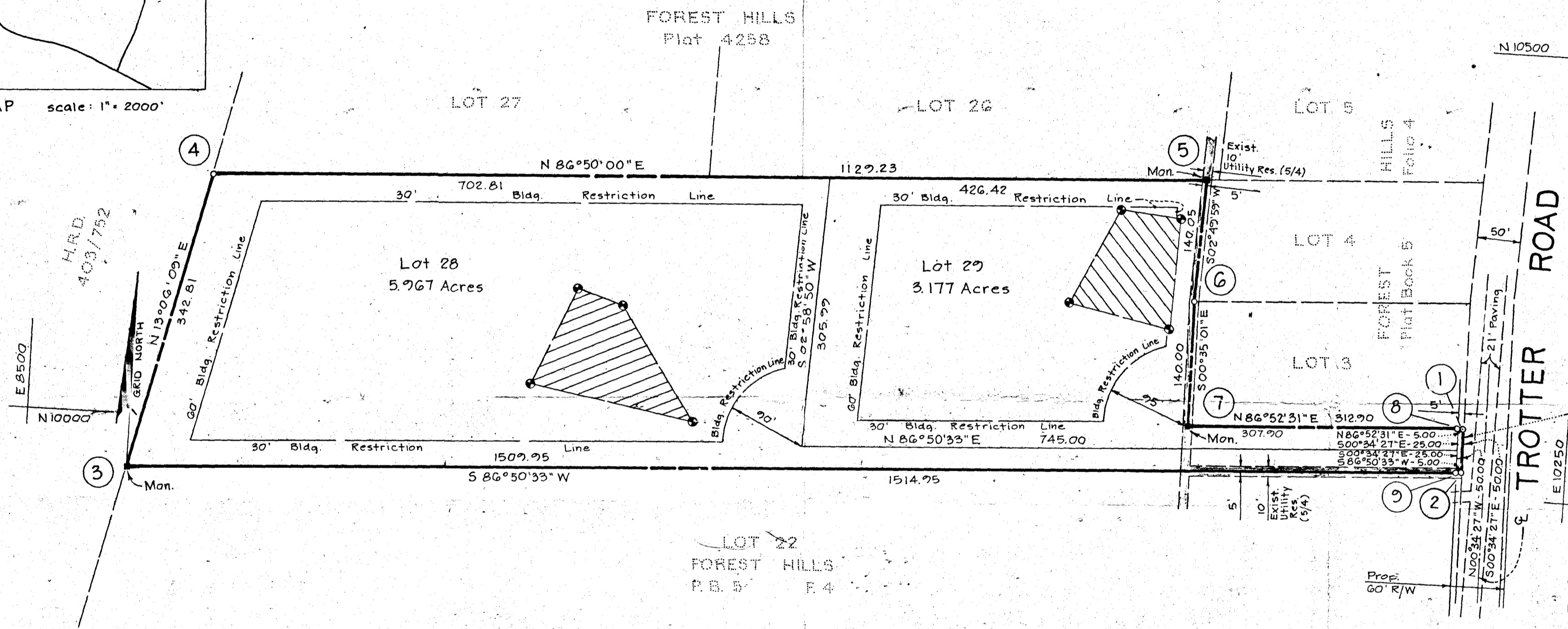
COORDINATE SCHEDULE		
No.	North	East
1	10,074.55	10,127.71
2	10,024.55	10,130.41
3	9,741.11	8,617.76
4	10,274.77	8,675.47
5	10,337.37	9,822.78
6	10,197.47	9,816.06
7	10,057.47	9,817.48
8	10,074.28	10,124.72
9	10,049.28	10,125.17

Assumed Data

163
489
163
652

134
4
536

61
67
134
5.5
670
670



Land dedicated to Howard Co., Md. for the purpose of public road - Area = 0.006 Ac. (249.75 sq. ft.)

OWNER:
Norman E. & Helen H. Tyson
7700 U.S. Rte. 27
Laurel, Maryland 20810

RECORDED PLAT 4917
ON 2-17-81 AMONG THE LAND RECORDS OF
HOWARD COUNTY, MD.

TABULATION:

Total number of lots and/or parcels to be recorded	- 2
Total area of lots and/or parcels	- 9.144 Acres
Total area of roadways to be recorded incl. widening strips	- 0.006 Acre
Total area of subdivision to be recorded	- 9.150 Acres

APPROVED: For Private Water and Private Sewerage Systems, Howard County Health Department.
Joseph B. Jones 7-7-81
County Health Officer Date

APPROVED: Howard County Office of Planning and Zoning.
Thomas L. Hamigle 7-16-81
Director Date

APPROVED: For Storm Drainage Systems and Public Roads, Howard County Dep't of Public Works.
Walter F. Nemejny 7-14-81
Director Date

OWNER'S DEDICATION

I, (We) Norman E. & Helen H. Tyson, 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 Office of Planning and Zoning establish the minimum building restriction lines, and grant unto Ho. Co., Md., 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 Co. 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; and (3) the right to require dedication of water ways and drainage easements for the specific purpose of their construction, repair and maintenance; and (4) that no bldg. or similar structure of any kind shall be erected on or over the said easements and rights-of-way.

Witness my (our) hand(s) this 12th day of May, 1981
Norman E. Tyson & Helen H. Tyson
Signature *Norman Eugene Tyson* WITNESS: *Martha Kelly*

SURVEYORS CERTIFICATE

I hereby certify that the Final Plat shown hereon is correct, that it is a subdivision of all of the lands conveyed. By James Von Bretzel, Jr., et al. to Norman E. & Helen H. Tyson deed dated May 5, 1981 and recorded in the Land Records of Howard County, in Liber 1051 Folio 682, and that all monuments are in place as shown in accordance with the Annotated Code of Maryland, as amended.

C. Brooke Miller 5-13-81
Prop. Line Surveyor C. Brooke Miller #135 Date

FOREST HILLS
LOTS 28 and 29
A RESUBDIVISION OF LOT 23

Deed Ref. 1051/682 Tax Map 35
Scale: 1"=100' May, 1981
5th Election District, Howard Co., Md.

F. 81-119 Signed Final Plat #4445

MAP scale: 1" = 2000'

00500
N 10,500

LOT 27

4

S 86° 16' 46" E

1129.23

30' 702.81

Bldg. Restriction

40' Line

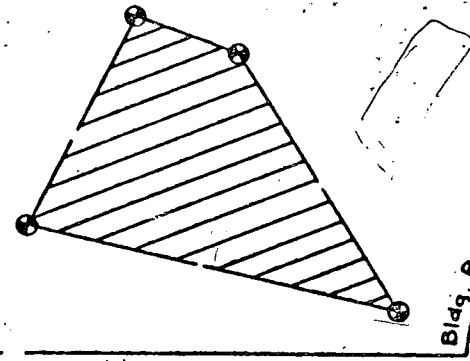
N 19° 59' 23" E
342.81

GRID NORTH

60' Bldg Restriction Line

Lot 28
5.967 Acres

*Sketch O.K.
for Storage Shed
7/23/81*



Bldg. Restriction Line

30' Bldg. Restriction Line
N 09° 52' 04" E

305.99

60' Bldg. Restriction Line

30' 81
N 86

30' Bldg. Restriction

1509.95 Line

N 86° 16' 13" W

1514.

H.R.D.
403/752

3

Mon.

08500
N 10,000

LOT 22
FOREST HILLS
P.B. 5 F. 4

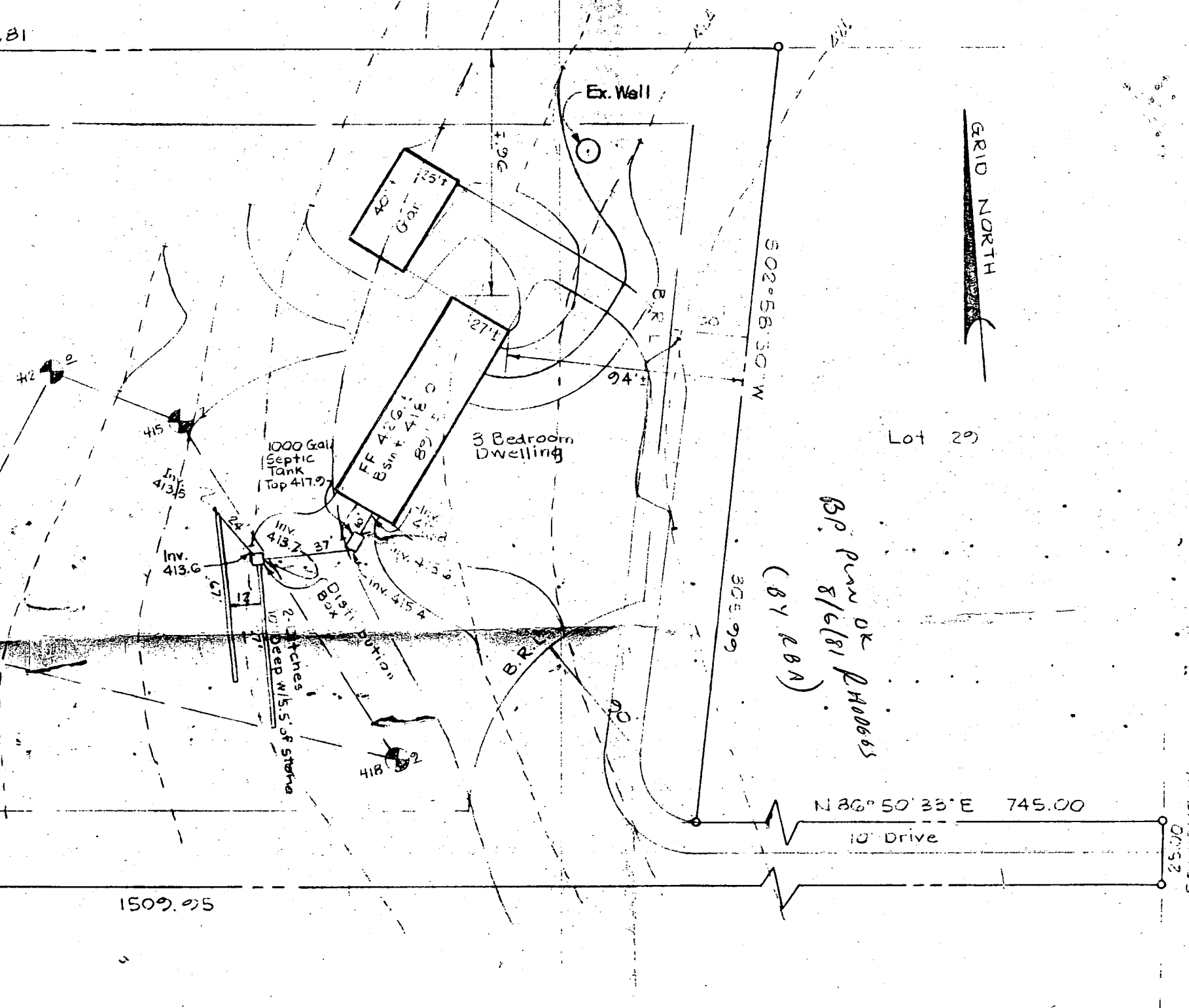
LOCATION of Proposed Sites

- 2
- 9.144 Acres
- 0.006 Acre
- 15.0 Acres

702.81

GRID NORTH

at elevations
epic area
as original
time of
re.



Lot 29

BP Perm OK PH00665
(BY RBA)

N 86° 50' 33" E 745.00

10' Drive

25.00

506°18'47" W

TROTTER ROAD

1509.95