

2/5/91 2 PM ✓
2/6/91 AM & PM ✓

Top ID - 04-348125

PERMIT

File

SEWAGE DISPOSAL SYSTEM DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 46727

A 43767

DISTRICT 4th

DATE 12/27/90

DATE SYSTEM APPROVED 2/6/91

INSPECTOR C. B. [Signature]

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland PHONE 875-4197

SUBDIVISION Hough Property LOT 2 ROAD 17530 Hardy Road

PROPERTY OWNER Thomas Waters, III

ADDRESS _____

SEPTIC TANK CAPACITY 1250 ⁻¹⁵⁰⁰ GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED _____

TRENCHES - 210 sq. ft. per bedroom. Trench to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.0 feet below original grade. 4.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 130' from the right lot line and 170' from the front lot line. Run trenches on contour toward the front of the lot. Maintain a minimum of 100' from the well.

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

PLANS APPROVED BY Revised Mark Rifkin cm DATE 09/10/90

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

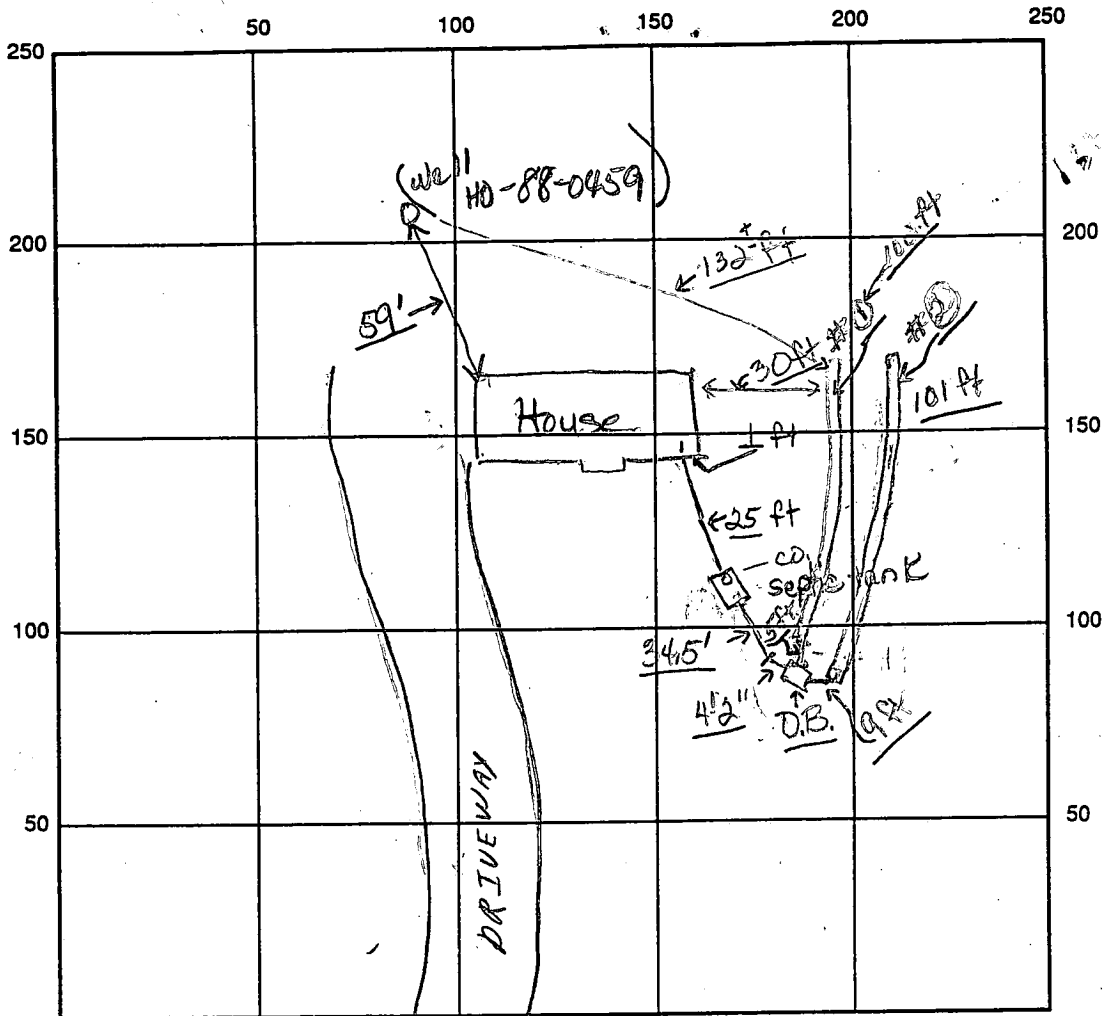
PERMIT VOID AFTER TWO YEARS

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

A
43767



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1500 Hardy Rd CLEANOUTS OK S.T.
 DISTRIBUTION BOX LEVEL OK (Baffle is in)
 DRAIN FIELD/TITLE DEPTH 8.5 FT. TRENCH WIDTH 20 FT. INLET DEPTH 4 FT.
 EFFECTIVE GRAVEL DEPTH 4.5 FT. TOTAL LENGTH 100 FT 101 FT FT.
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 904.5 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA 904.5 SQ. FT.

REMARKS: 2/5/91 Tank level OK, DB & DIG TRENCHES RM; 2/6/91 OK to construct
2/6/91 am part of 2/6 Final OK to Construct DB + e. bed
rec. box + D.B.

2/6/91 No WPI - A.M. (HOLD FOR A CALL)

DATE SYSTEM APPROVED 2/17/91 INSPECTOR Di Buggs + Charles Benjamin

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 43767
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT: _____

DATE March 25, 1988

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 William Dale Hough Thomas Waters II - 442-1153'

ADDRESS 17520 Hardy Road Mt. Airy, MD 21771 PHONE (301)-795-5596

PROPERTY LOCATION:

SUBDIVISION Hough Property LOT NO. 2

ROAD AND DESCRIPTION 17531 17520 Hardy Road

Mt. Airy, MD 21771

SIZE OF LOT 3.00 acres TYPE BLDG. S.F.D.

(NUMBER OF BEDROOMS) *
undetermined at this time

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.

William Dale Hough

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 8-20-90
Serial # 34392-SFD
4 Bedrooms

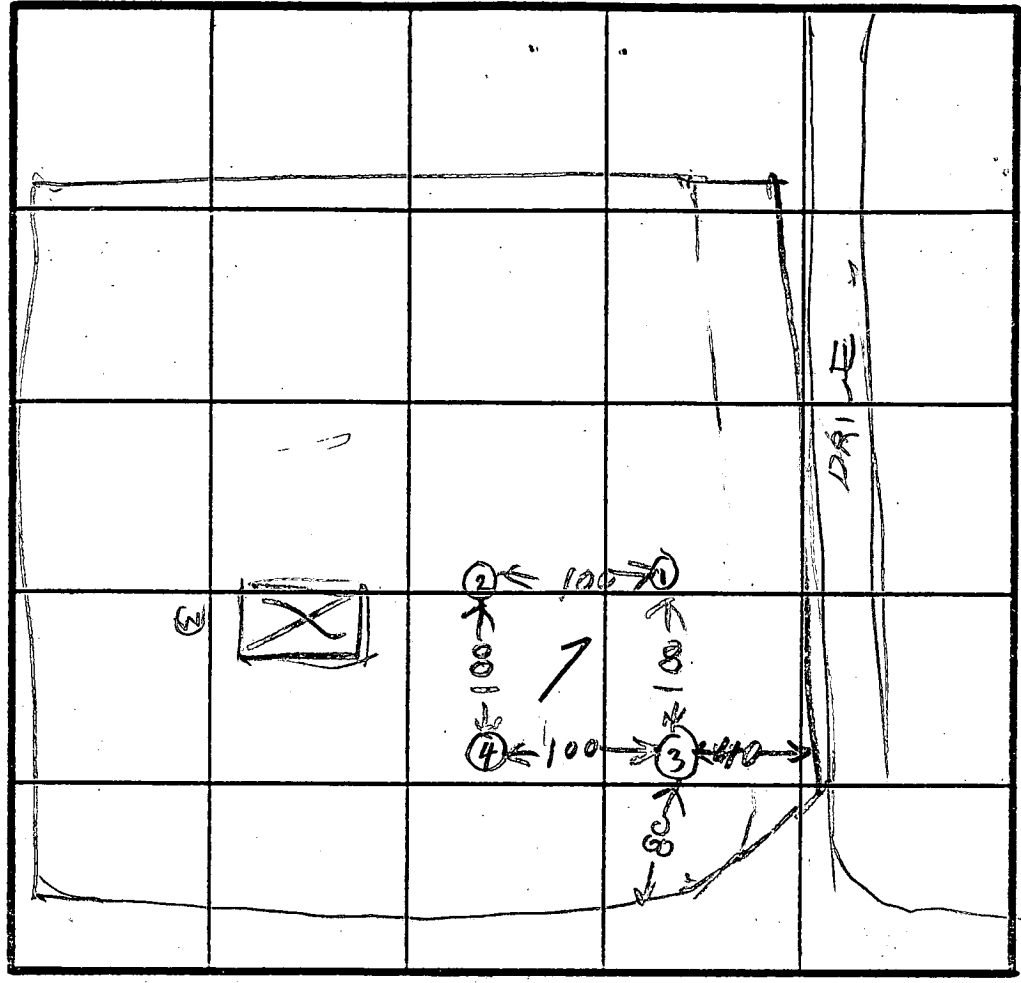
THIS IS NOT A PERMIT

Lot 2
A43767

Lot J

(1)(2)
SOIL PROFILE

0
TAN
CLAY
5
PINK
BROWN
SAND
LOAM
12



$\bar{x} = 7 \text{ min}$,
Inlet = 4.0 ft
Bottom = 8.5 ft
210 sqft/bedrm

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
HARM RD

(3)(4)

0
3
BROWN
CLAY-1
PINK
BROWN
SAND
LOAM
12 1/2

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5/25/88	1S	6	1000	1008	1008	1020	12
	1V	13	OK				
5/25/88	2D	7.5	1002	1003	1003	1005	2
	2S	5	1004	10020	1010	1020	10
	2V	12.5	OK				
	3S	4	1009	1006	1016	1021	5
	3V	12	OK				
	4A	12 1/2	OK				

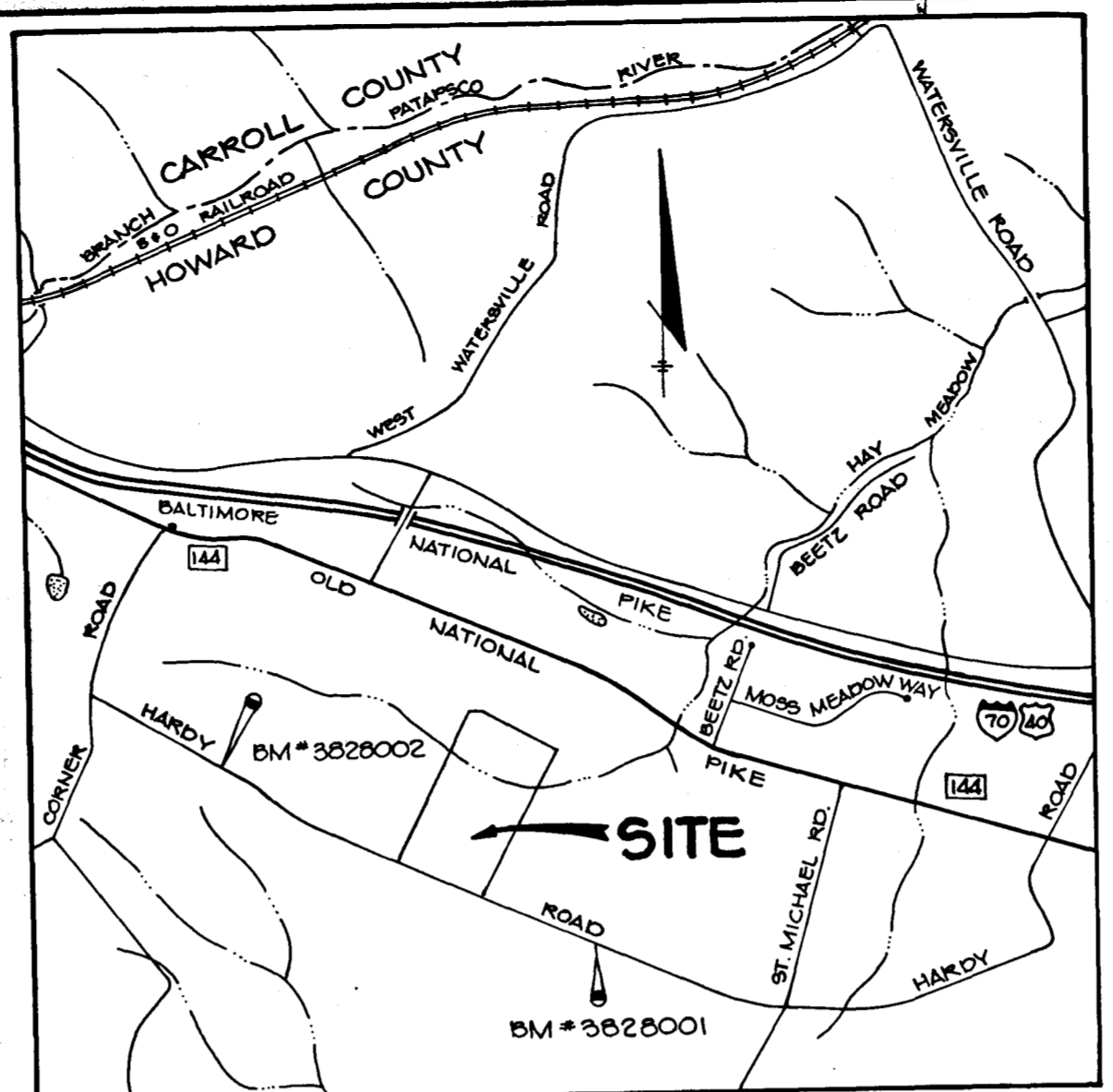
REMARKS Holes ① ② ③ ④ dug per surveyor's plat

TYPE OF SOIL

TESTED BY B. Hodge

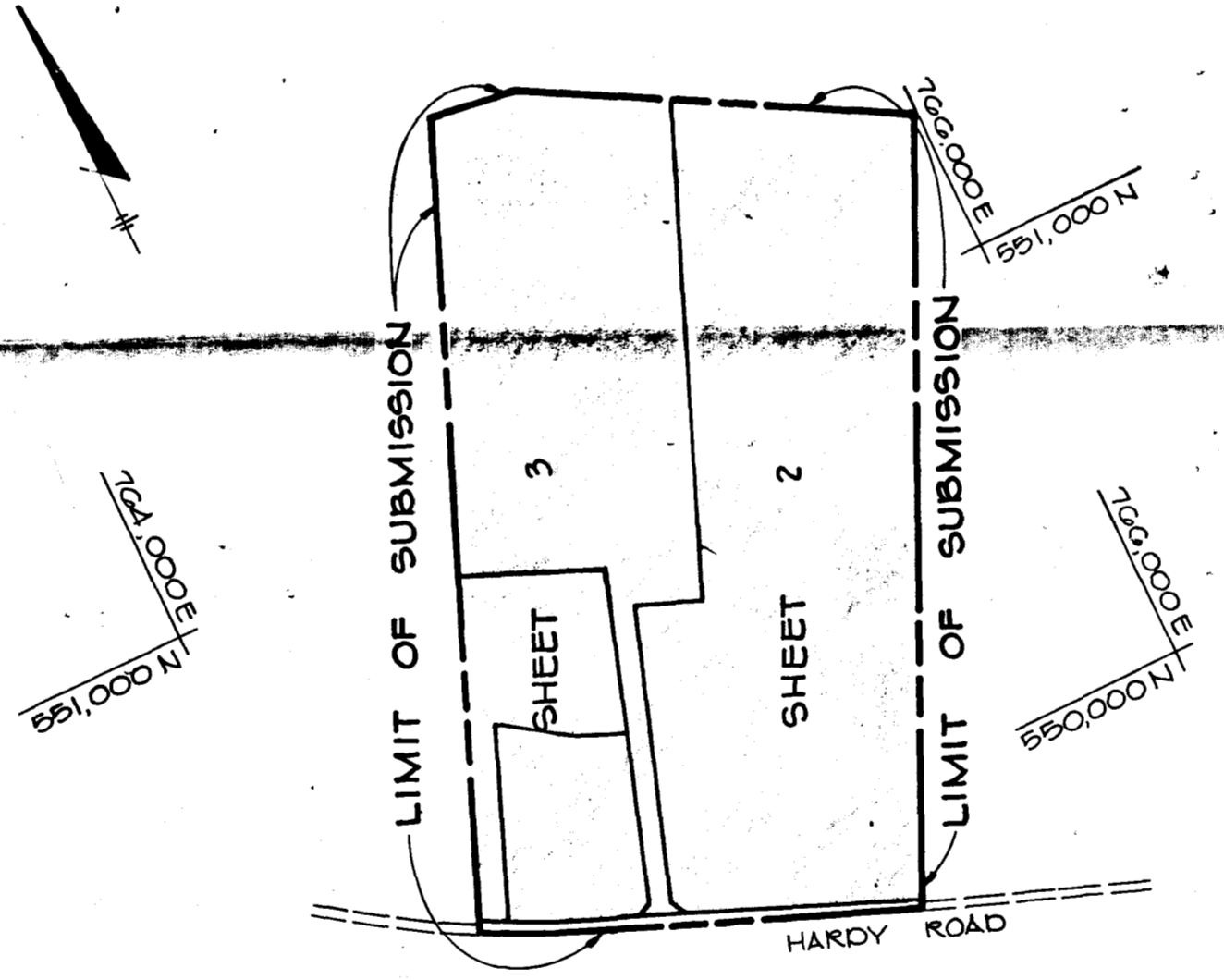
ALSO PRESENT S. Kip & Allen
of Finner Co

COORDINATE LIST		
NO.	NORTH	EAST
8	550156.6221	764330.1289
10	549762.8086	765246.1059
25	551606.4205	765519.1540
69	549788.8999	765176.4232
70	549889.9817	764921.7440
71	550048.5708	764544.0180
76	549995.5652	764734.6225
78	549962.2489	764749.6188
84	550871.4959	764630.3240
85	550639.6464	764952.3425
86	550594.3256	765094.0489
1001	551938.0530	765989.8691
1010	551806.8042	765029.2475
1046	551770.5481	765231.2749
1114	549866.9919	764912.0651
89	549939.1281	764739.7408
1120	549763.4806	765167.6589
1122	550025.5201	764534.3401
1125	549740.1238	765239.3949
1126	550139.3470	764320.3928



VICINITY MAP
SCALE: 1" = 2000'

- NOTES:
- DENOTES 4" X 4" CONCRETE MONUMENTS TO BE SET.
 - DENOTES 3/8" X 30" PIPE OR STEEL MARKER TO BE SET.
 - ALL COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM.
 - ORIGIN OF COORDINATES: HOWARD COUNTY GEODETIC CONTROL POINT NO. 3828001 AND 3828002.
 - SUBJECT PROPERTY ZONED R PER 8-2-85 COMPREHENSIVE ZONING PLAN. (ZZZZZ) DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ. FT AS REQUIRED BY THE MD. STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE TO THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.
 - B.R.L. INDICATES BUILDING RESTRICTION LINE.
 - FOR FLAGSTEM OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND MAINTENANCE ARE PROVIDED. TO THE JUNCTION OF THE FLAGSTEM OR PIPESTEM AND ROAD RIGHT OF WAY LINE AND NOT TO THE FLAGSTEM OR PIPESTEM LOT DRIVEWAY.
 - 7053 INDICATES 100 YEAR FLOODPLAIN ELEVATION.



PLAN
SCALE: 1" = 400'

LOT NO.	GROSS LOT AREA	AREA OF FLOODPLAIN	NET LOT AC.	MIN. LOT SIZE
1	3.502 Ac.	—	3.502 Ac.	3.502 Ac.
2	3.000 Ac.	—	3.000 Ac.	3.000 Ac.
3	13.791 Ac.	1.743 Ac.	12.048 Ac.	12.048 Ac.
4	22.421 Ac.	2.682 Ac.	19.739 Ac.	19.785 Ac.

FLAGSTEM TABULATION			
LOT NO.	LOT AREA	PIPESTEM AREA	MINIMUM LOT AREA
1	3.502 Ac.	0.502 Ac.	3.000 Ac.
3	13.791 Ac.	0.815 Ac.	13.176 Ac.

TOTAL TABULATION THIS SUBMISSION

TOTAL NUMBER OF LOTS TO BE RECORDED.....4
TOTAL AREA OF LOTS (1-4).....42.7136 Ac.
TOTAL AREA OF ROADWAY TO BE RECORDED.....0.5726 Ac.
TOTAL AREA OF THIS PLAT TO BE RECORDED.....43.4861 Ac.

TRACY, SCHULTE & ASSOCIATES, INC.
8480 BALTIMORE NATIONAL PIKE, SUITE 418
ELLCOTT CITY, MARYLAND 21043
(301) 465-6105

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS.
Joseph H. Boyles 10-7-88
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
[Signature] 11.7.88
DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
James M. [Signature] 10/24/88
DIRECTOR DATE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS ALL OF THE LAND OBTAINED BY WILLIAM DALE HOUGH AND LINDA GALE HOUGH FROM WILLIAM DALE HOUGH BY DEED DATED JUNE 20, 1984, AND RECORDED IN LIBER 1260 AT FOLIO 353, IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND AND THAT ALL MONUMENTS ARE IN PLACE, OR WILL BE IN PLACE, PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

John J. Hill Jr. 8-12-88
JOHN J. HILL JR.
TRACY, SCHULTE & ASSOCIATES, INC.
8480 BALTIMORE NATIONAL PIKE
SUITE 418
ELLCOTT CITY, MARYLAND 21043

OWNER'S DEDICATION

WE, WILLIAM DALE HOUGH AND LINDA GALE HOUGH, 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 STREETS RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, FLOODPLAIN 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 RIGHT-OF-WAY. WITNESS OUR HANDS THIS 25TH DAY OF MARCH, 1988.

William Dale Hough
LINDA GALE HOUGH
Roland J. Wheelbarger
WITNESS: ROLAND J. WHEELBARGER

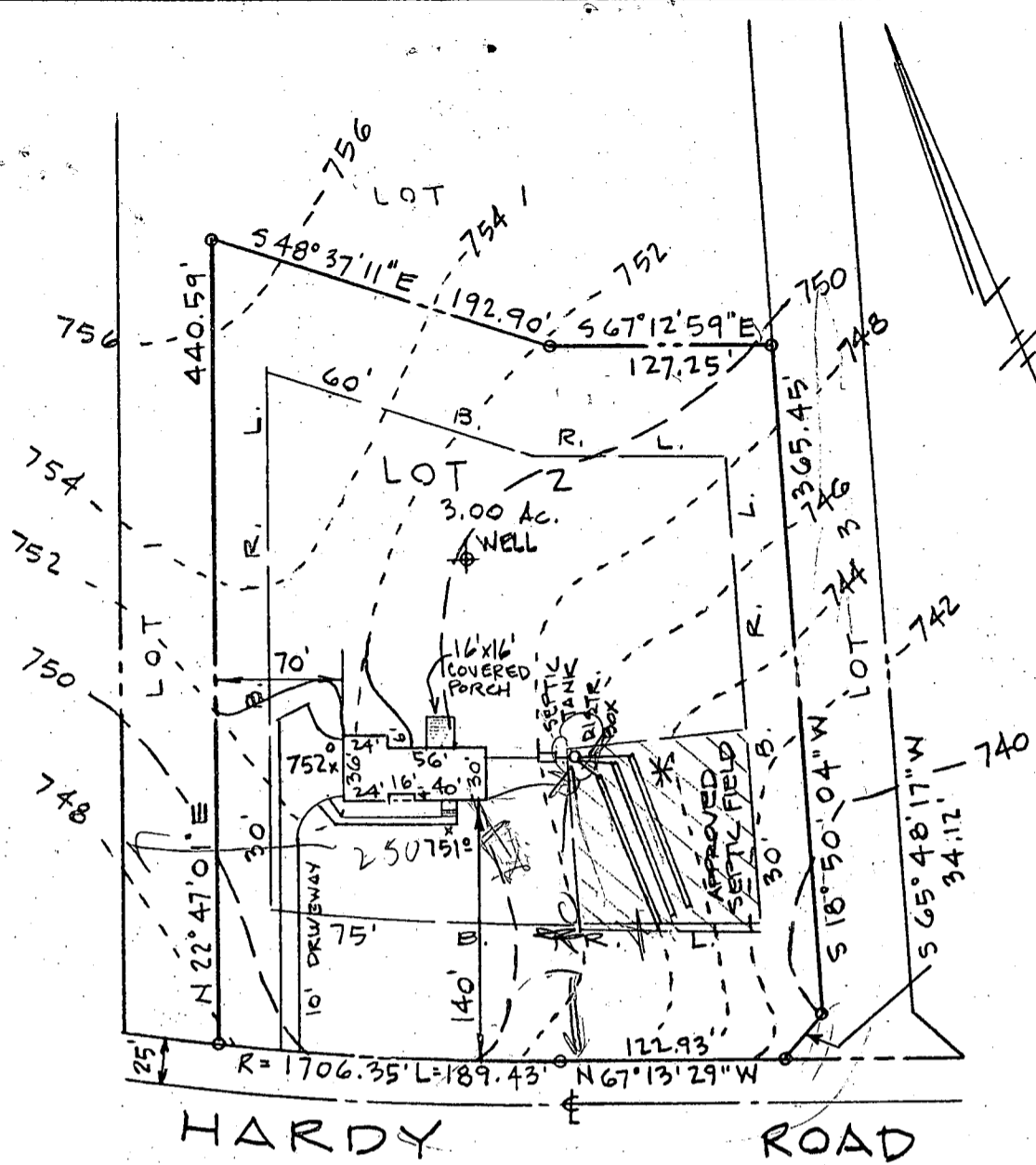
RECORDED AS PLAT 8235
ON 11/16/88 AMONG THE LAND
RECORDS OF HOWARD COUNTY, MARYLAND.

SIGNED
HOUGH PROPERTY COPY

SECTION ONE, AREA ONE
LOTS 1 THRU 4

F-28-210
ZONED R
SHEET: 1 OF 3
4TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
SCALE 1" = 400'

PARCEL NO. 390
TAX MAP NO. 7
DATE: AUG. 12, 1988



HARDY ROAD

SEPTIC DATA

HOUSE FIN. FL.	754 ⁰
" BSMT.	745 ⁰
" SEWER INV.	743 ⁰
SEPTIC INV IN	742 ⁵
TANK INV OUT	742 ²
" FIN. GR.	747 ⁵
DISTR. INV. IN	742 ⁰
BOX FIN. GR.	746 ⁰
WATER EX. GR.	750 ⁰
WELL FIN. GR.	"

NOTE:

- *1. TRENCH LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- 2. HOUSE TYPE: 2 STORY WITH FULL BASEMENT.

8/20/90
 PLANS O/K
 B. Hodger

ENGINEER

JOHN L. SCHNEIDER, P.E.
 100 N. ROLLING RD.
 CATONSVILLE, MD. 21228
 301-744-1945

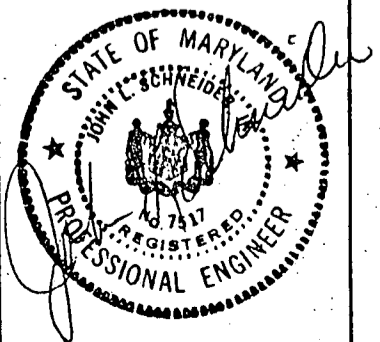
RECORD PLAT NO 8237 RECORDED 11/16/88

GRADING STUDY

LOT 2 SECTION ONE " HOUGH PROPERTY "

4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1" = 100' DATE: AUG. 9, 1990



B 1 2280 SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

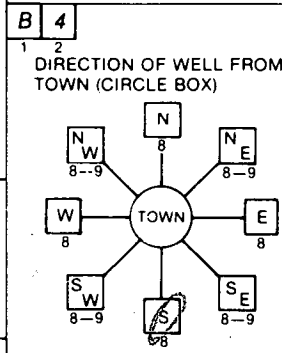
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
 HO-88-0459
 fill in this form completely

Date Received (APA) 030189
 OWNER INFORMATION
 LAST-ERS + HOMAS
 311-TWIN OAKS RD
 LINTHICUM MD 21090

LOCATION OF WELL
 HOWARD COUNTY
 HOFF FARMHOUGH PROP
 SECTION 44 46 LOT 48 50
 MT AIRY
 MILES FROM TOWN (enter 0 if in town) 3 MI

DRILLER INFORMATION
 Joseph L. Wayne 238
 77 License No. 80
 Joseph L. Wayne Well Drilling
 5512 Ridge Rd. Int. Dring, Md. 21771
 Joseph L. Wayne 2/25/89



Hardy Road
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH, WEST, SOUTH, EAST
 168 FT
 DISTANCE FROM ROAD
 ENTER FT or MI FT

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 Howard A 43767
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE DATE ISSUED
 031389 James E. Madean 9-13-89
 NORTH GRID 550000 EAST GRID 0764000

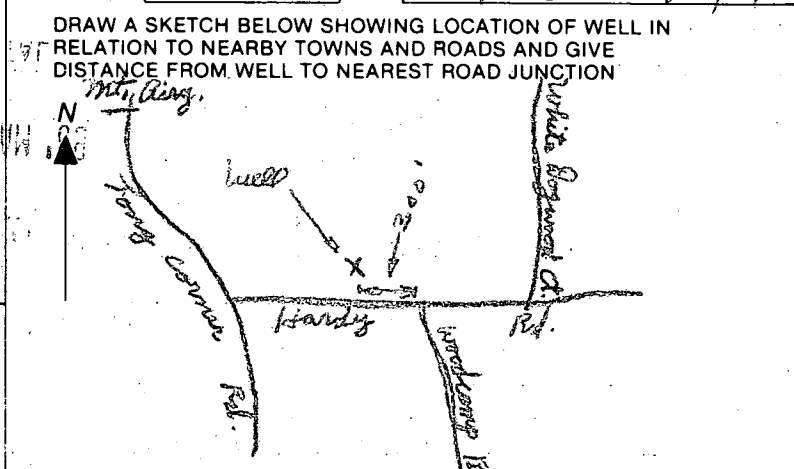
APPROXIMATE DEPTH OF WELL 260 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST 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
 44
 E 760
 N 550
 3/22/89 9130
 40' CASING
 36" OPEN GROUT NOT OBSERVED
 9 BAGS
 1' CASING A.G.
 VT AG OK MR 3/27/89

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 DEEPEM 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 NN WRITE INITIALS IN BOX PERMIT NO. HO-88-0459

SPECIAL CONDITIONS
 COUNTY

