

9-18-95
ASAP 410
9-20-95
ASAP 410

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-318370

P 50876

A 43668

DISTRICT _____

DATE 9-14-95

DATE SYSTEM APPROVED 9-20-95

INSPECTOR ES

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

INDEXED

Hidey, Inc. _____ IS PERMITTED TO INSTALL ALTER _____

ADDRESS 9303 Dogwood Road, Baltimore, MD 21244 PHONE 944-0423

SUBDIVISION Meadowood LOT 77 ROAD 12197 Woodford Drive

PROPERTY OWNER Neal Sanstrom

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - Trench to be 2 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 2 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 546.73 feet and the 237.00 feet lot lines place distribution box 135 feet up the 546.73 lot line and 100 feet off that same lot line. 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. OK 7/31/95 DKS

PLANS APPROVED BY Amy McMillen DATE 12/29/94

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

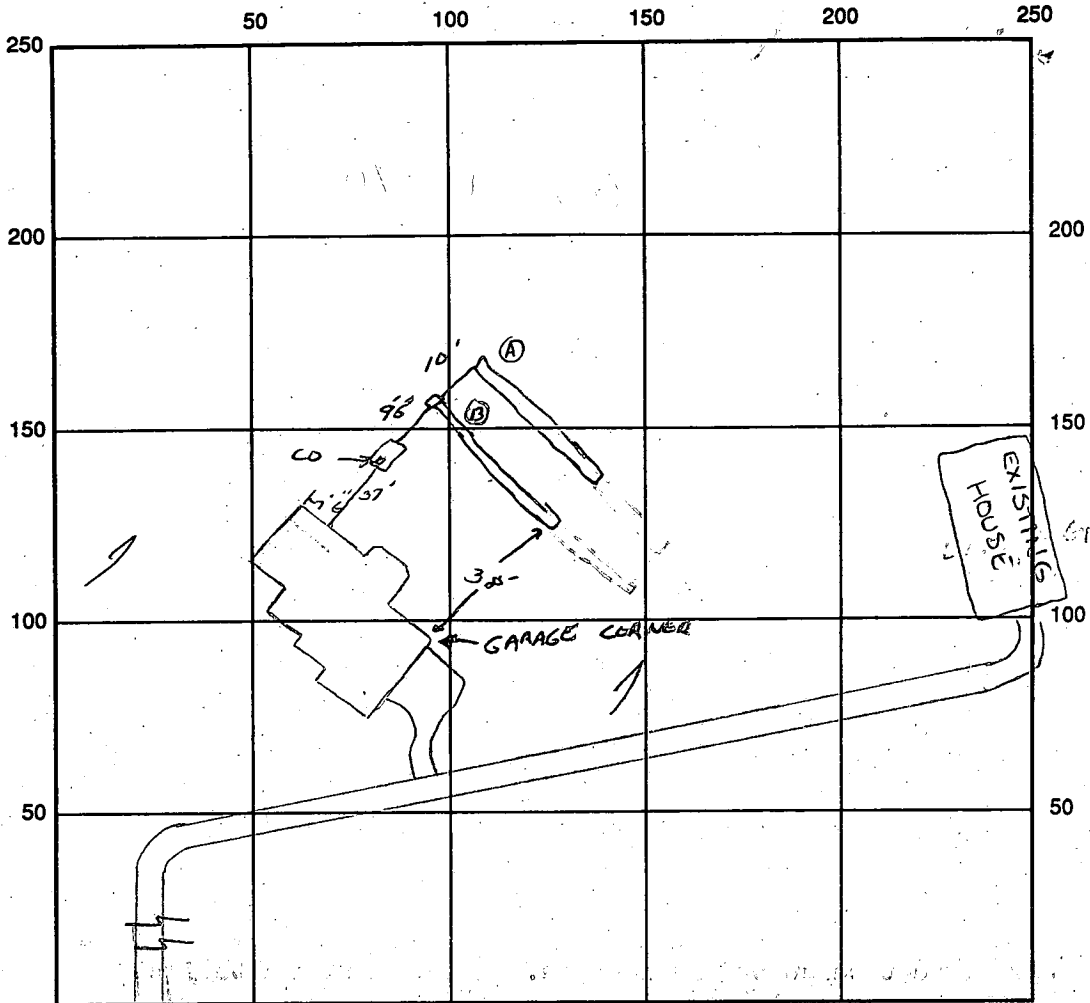
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 43668

A 43668



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 146 FT. $A=72$
 $B=74$

NUMBER OF TRENCHES 2 ~~ONE~~ SIDEWALL/BOTTOM AREA 730 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 9-18-95 House has moved appx. 30' to left - no impact to SDA. Topo shown on approved BP plan not correct - ridge is more to the left. Start system in up, highest left portion of SDA. Run 2 72' trenches on contour. All 9-20 OK TO COVER HOUSE TO TAKE, DISC BOX, LEAVE ENDS TRENCH A OPEN. 9-20 OBSERVED COMPLETION OF BOTH TRENCHES, OK TO COVER

DATE SYSTEM APPROVED 9-20-95 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

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

A 43668
P _____
DISTRICT 310
DATE 2-28-89

TO: THE COUNTY HEALTH OFFICER
ELLCOTT CITY, MARYLAND

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

PROPERTY OWNER NEAL SANSTROM
Springhill Associates - c/o D.S. Thaler & Associates, Inc.

ADDRESS 11 Warren Road, Baltimore, MD 21208 PHONE 795-5409
(301) 484-4100

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Meadowood LOT NO. 69 77

ROAD AND DESCRIPTION Henryton Road - approximately 4000' north of Tunnel Road
Howard County, Maryland (12197 Woodford Drive)

TAX MAP 10 PARCEL # 139

SIZE OF LOT 3+ Acres TYPE BLDG. Single Family - 4 Br
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 7/25/95
Serial # 60946
Single Family - 4 Br

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 OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

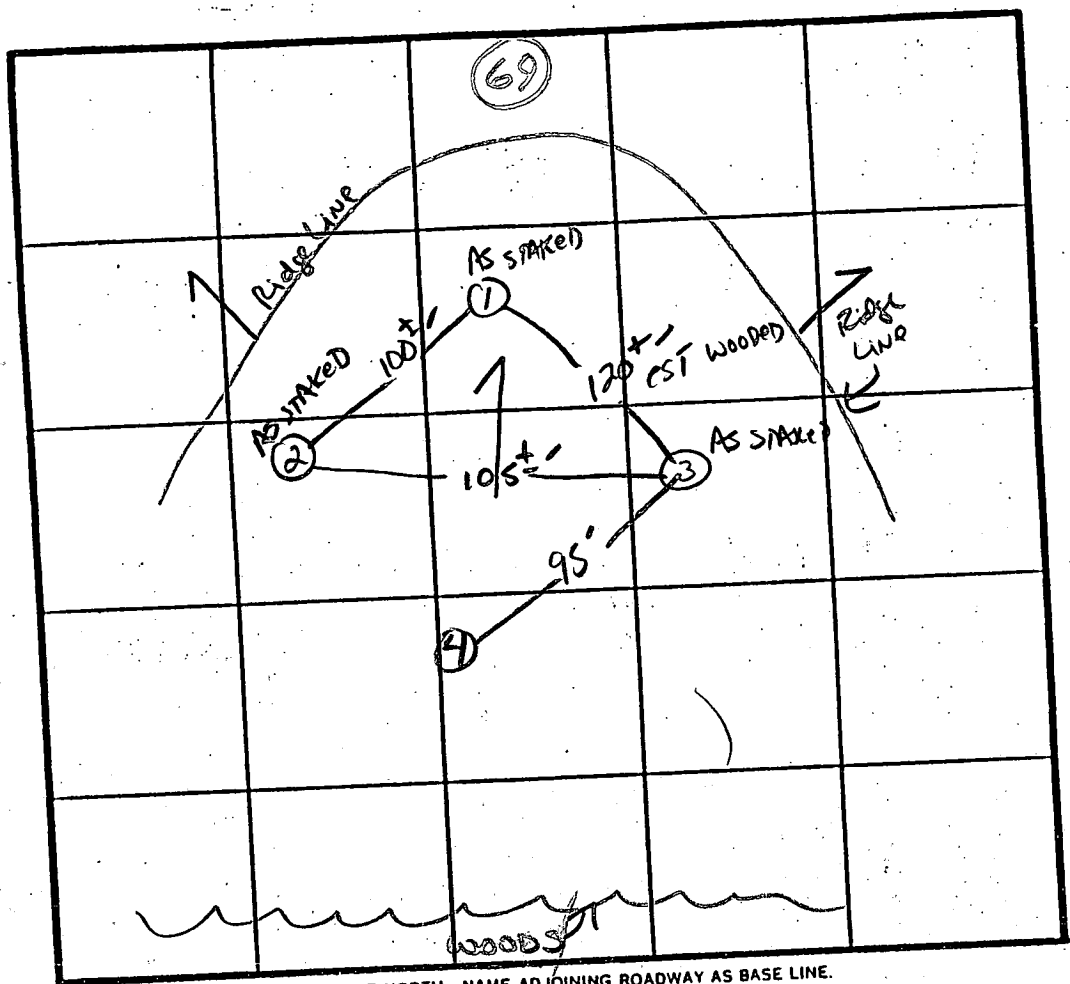
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3-28-89 Perc SATISFACTORY - Hold for Plot, S. 1111

THIS IS NOT A PERMIT

①
SOIL PROFILE

0	3"	A1-3 Yellow Br Silty Clay Loam <10% Frag
18"	9"	1A1- Yellow Br Silt Loam 25-30% Frag
		HARD BOTTOM



2 Perc 3 min
180 P/BK
Inlet 2'
Bottom 7'
Repairs near
Hole # 1 Shallow

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

WOODFORD

③

0	3"	A1-3 Yellow Br Silt Loam 15% clay <10% Frag
2'	15'	Yell. Br Silt Loam Micaceous <10% Frag

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/28/69	1 ✓	18" 9"	10:33 HARD BOTTOM	10:35	10:35	10:38	3 min
	2 ✓	2" 11.5"	10:37 Clay 2"	10:40 HARD BOTTOM	10:40	10:42	2 min
	3 ✓	2.5" 12"	10:42 AS PROFILED	10:43	10:43	10:45	2 min
	4 ✓	2" 12"	10:47 SAME AS #3	10:48	10:48	10:50	2 min

REMARKS 1-3 PER STAKES 4 diff

TYPE OF SOIL Glenela

TESTED BY S. Bet

ALSO PRESENT JACK, Wayne

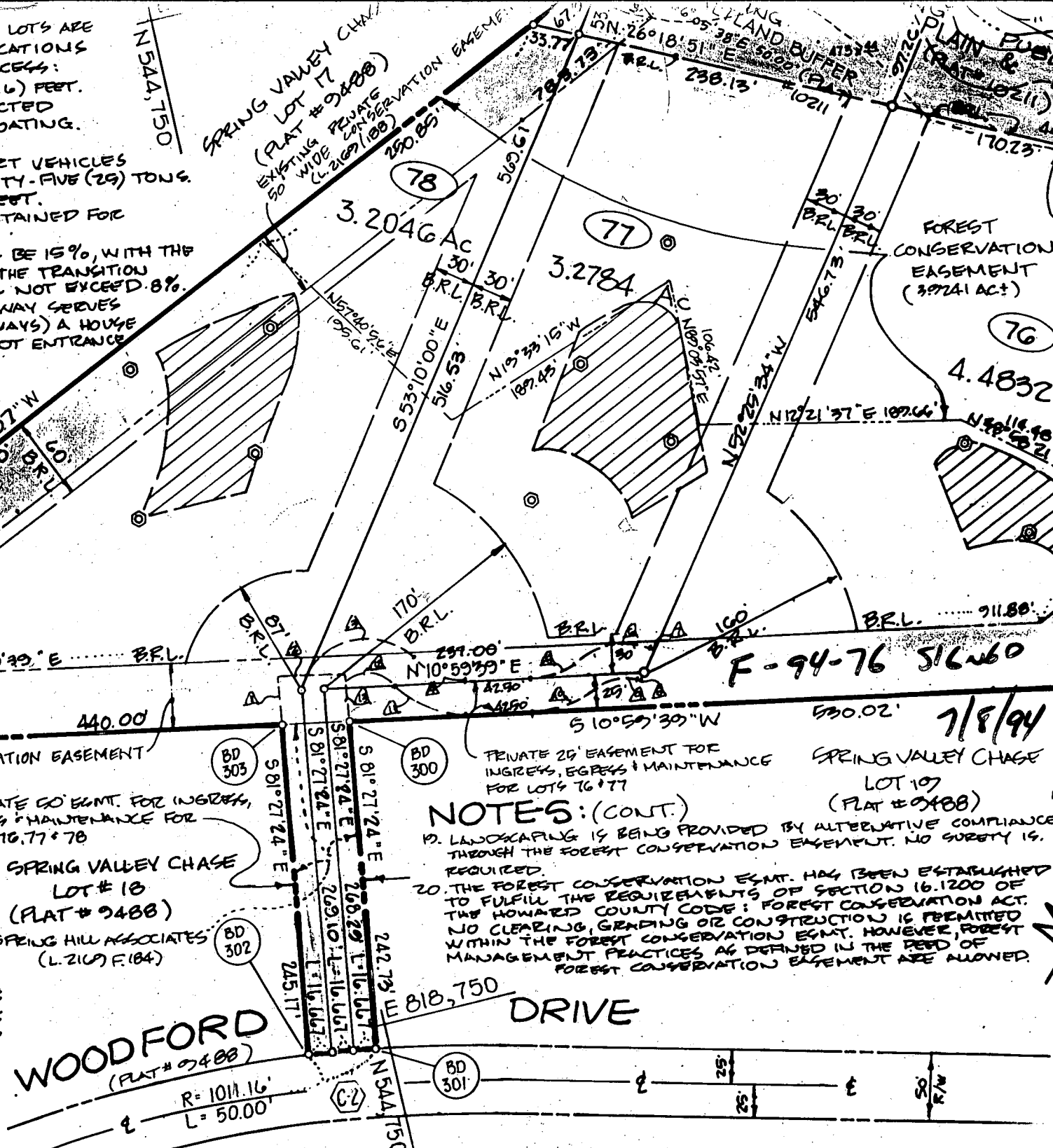
DRIVEWAYS / ROADWAYS SERVING 2 OR MORE LOTS ARE
 DESIGNED TO MEET THE FOLLOWING SPECIFICATIONS:
 FIRE & EMERGENCY SERVICE VEHICLES ACCESS:
 WIDTH - RESIDENTIAL DRIVEWAY SIXTEEN (16) FEET.
 CONSTRUCTION - SIX (6) INCHES OF COMPACTED
 ASPHALT SURFACE WITH A "TAR & CHIP" COATING.
 TURNING RADIUS - FORTY FIVE (45) FEET
 CURBS & GUTTERS - DESIGNED TO SUPPORT VEHICLES
 WITH A GROSS VEHICLE WEIGHT OF TWENTY-FIVE (25) TONS.
 OVERHEAD CLEARANCE - TWELVE (12) FEET.
 MAINTENANCE - DRIVEWAYS MUST BE MAINTAINED FOR
 ALL-WEATHER USE.

GRADE - THE MAX. ALLOWABLE GRADE SHALL BE 15%, WITH THE
 MIN. AND SUSTAINED GRADE OF 3%. THE TRANSITION
 FROM THE ROAD TO THE DRIVEWAY SHALL NOT EXCEED 8%.
 HOUSE NUMBERING - WHERE ONE (1) DRIVEWAY SERVES
 MORE THAN ONE (1) LOT (COMMON DRIVEWAYS) A HOUSE
 NUMBER SIGN MUST BE PLACED AT EACH LOT ENTRANCE
 AND A RANGE OF STREET ADDRESS HOUSE
 NUMBER SIGN WHERE THE COMMON
 DRIVEWAY INTERSECTS THE MAIN ROAD.
 MAY 27, 1994, THE PLANNING DIRECTOR
 APPROVED WP 0487, WHICH WAIVED SUBMISSION
 OF FOREST CONSERVATION PLAN REQUIRED BY SEC.
 16.1200 SUBJECT TO ESTABLISHMENT OF
 FOREST CONSERVATION EGMT. OF
 AT LEAST THE MINIMUM SIZE
 REQUIRED.

STAKE FOUND AT CORNER (BD 198)
 STAKE FOUND AT CORNER (BD 205)
 EX. PRIVATE 50' WIDE CONSERVATION EASEMENT (L. 2169/188)
 PRIVATE 50' EGMT. FOR INGRESS, EGRESS & MAINTENANCE FOR LOTS 76, 77 & 78

DESCRIPTION OF FINAL PLAT

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED	4
BUILDABLE OPEN SPACE	0
TOTAL AREA OF LOTS AND/OR PARCELS BUILDABLE OPEN SPACE (FLOODPLAIN)	16.9369 AC. ±
TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE RECORDED INCLUDING WIDENING STRIPS	3.1815 AC. ±
TOTAL AREA OF SUBDIVISION	0



NOTES: (CONT.)

19. LANDSCAPING IS BEING PROVIDED BY ALTERNATIVE COMPLIANCE THROUGH THE FOREST CONSERVATION EASEMENT. NO SURETY IS REQUIRED.
 20. THE FOREST CONSERVATION EGMT. HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE: FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EGMT. HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE PLAN OF FOREST CONSERVATION EASEMENT ARE ALLOWED.

F-94-76 516460

7/8/94

WOODFORD (PLAT # 0488)

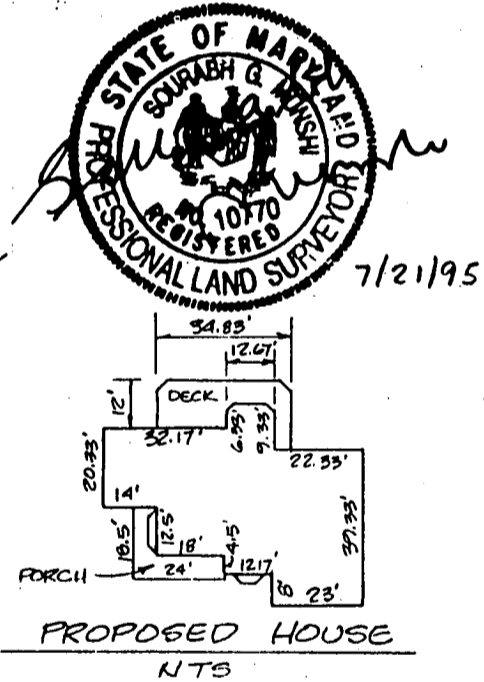
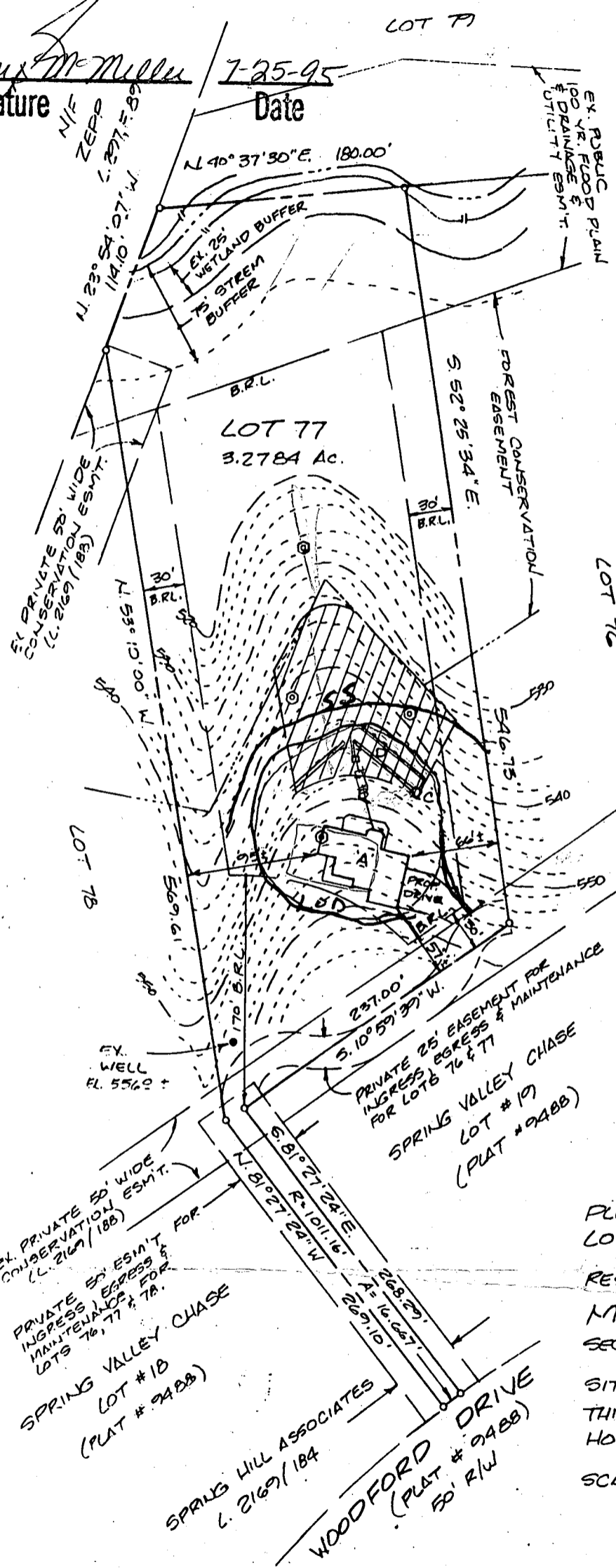
DRIVE

Approved Septic System Plan
Howard County Health Department

Amy Miller
Signature

7-25-95
Date

- A. PROPOSED HOUSE
FF. ELEV. 563.0
BSMT. ELEV. 553.25
INV. OUT ELEV. 549.6
 - B. PROP. SEPTIC TANK
EX. ELEV. 551.0
INV. IN 548.0
INV. OUT 548.0
 - C. PROP. DISTRIBUTION BOX
EX. ELEV. 546.0
INV. IN 544.1
INV. OUT 544.0
 - D. PROP. TRENCHES *
2 @ 60' = 120 L.F.
2' WIDE, 5' STONE,
BOTTOM MAX = 7'
LINE #1: EX. ELEV. 546.0
INV. IN, 544.0
LINE #2: EX. ELEV. 544.0
INV. IN 542.0
- * NOTE: ACTUAL LENGTH AND NUMBER OF TRENCHES FOR SEWERAGE TO BE DETERMINED AT THE TIME OF SEPTIC PERMIT ISSUANCE.



PLOT PLAN
LOT 77
RESUBDIVISION OF LOT 59
MEADOWOOD
SECTION TWO AREA FOUR
SITUATED ON WOODFORD DRIVE
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' JULY, 1995

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.



VANMAR ASSOCIATES INC.
Engineers • Surveyors • Planners
310 South Main Street, Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015

REFERENCE	JOB NO.
PLAT # 11306	95 3923

B. 1 07774

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

40-94-0272 fill in this form completely

Date Received (APA)

063097

OWNER INFORMATION

SPRINGHILL ASSOC

1432 RT 32

SYKESVILLE MD 21784

DRILLER INFORMATION George F. Easterday

L. Franklin Easterday, Inc. 40 License No. 80

Firm Name Brown Church Rd., Mt. Airy, Md. 21771

Signature George F. Easterday 6/29/94

LOCATION OF WELL

HOWARD COUNTY

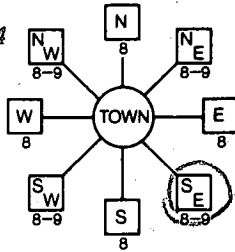
MEADOWOOD SUBDIVISION

SECTION 44 46 LOT 07 48 50

SYKESVILLE NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 3 MI

DIRECTION OF WELL FROM TOWN (CIRCLE APPROPRIATE BOX)



WOODFORD DR NEAR WHAT ROAD



DISTANCE FROM ROAD 50 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 CO COUNTY NAME A-43668 COUNTY NO.

STATE SIGNATURE DATE ISSUED INSERT S

122944 CO SIGNATURE EXP. DATE 12/29/95

NORTH GRID 544000 EAST GRID 313000

APPROXIMATE DEPTH OF WELL 300 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

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 100 WRITE INITIALS IN BOX PERMIT No. 40-94-0272

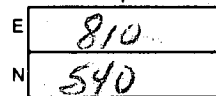
SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

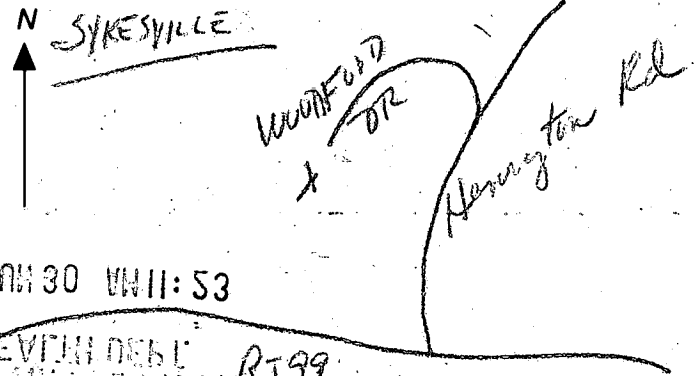
SOURCES OF DRILLING WATER

1 well

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



C1 5143

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 43668

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: SPRINGMILL ASSOC. last name WOODFORD first name DRIVE TOWN: STATEVILLE SUBDIVISION: MEADOWOOD SECTION: LOT: 77

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, Sandstone, Shale, Sandstone, Mica, Sandstone, Mica, Sandstone, Mica, Sandstone, Mica, Sandstone, Mica, Sandstone, Mica, Sandstone, Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 45 46 11 NO. OF POUNDS 11 45 46 GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot) from 48 TOP 52 ft. to 54 BOTTOM 58 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) ST 6 70

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE BRONZE HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) 1 70 32 400 2 3 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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO.

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

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

PUMPING TEST HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) side line 30' well 50'