

5/22/91 noon
5/23/91
Late P.M.

03-312402

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

P 46758

A 38165

DISTRICT 3rd

DATE 01/18/91

DATE SYSTEM APPROVED 5/23/91

INSPECTOR C.B.S.

BWT, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 11974 Route 216, Fulton, Maryland 20759 PHONE _____

SUBDIVISION Meadowood LOT 66 ROAD 1221 Crystal Ridge Road

PROPERTY OWNER (OLD LOT 24)

ADDRESS Builder Mr. Fred Dickson - 1221 Crystal Ridge Road

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.5 feet of stone below distribution pipe.

LOCATION - Place the first trench 65 feet down the front right lot line (305.71') and 80 feet off the same line as seen when facing the lot from Crystal Ridge Court. Run trenches on contour toward the right lot line (283.92'). Maintain a minimum of 100 feet 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.

PLANS APPROVED BY Jane E. Nadeau cm DATE 11/06/89

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, 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

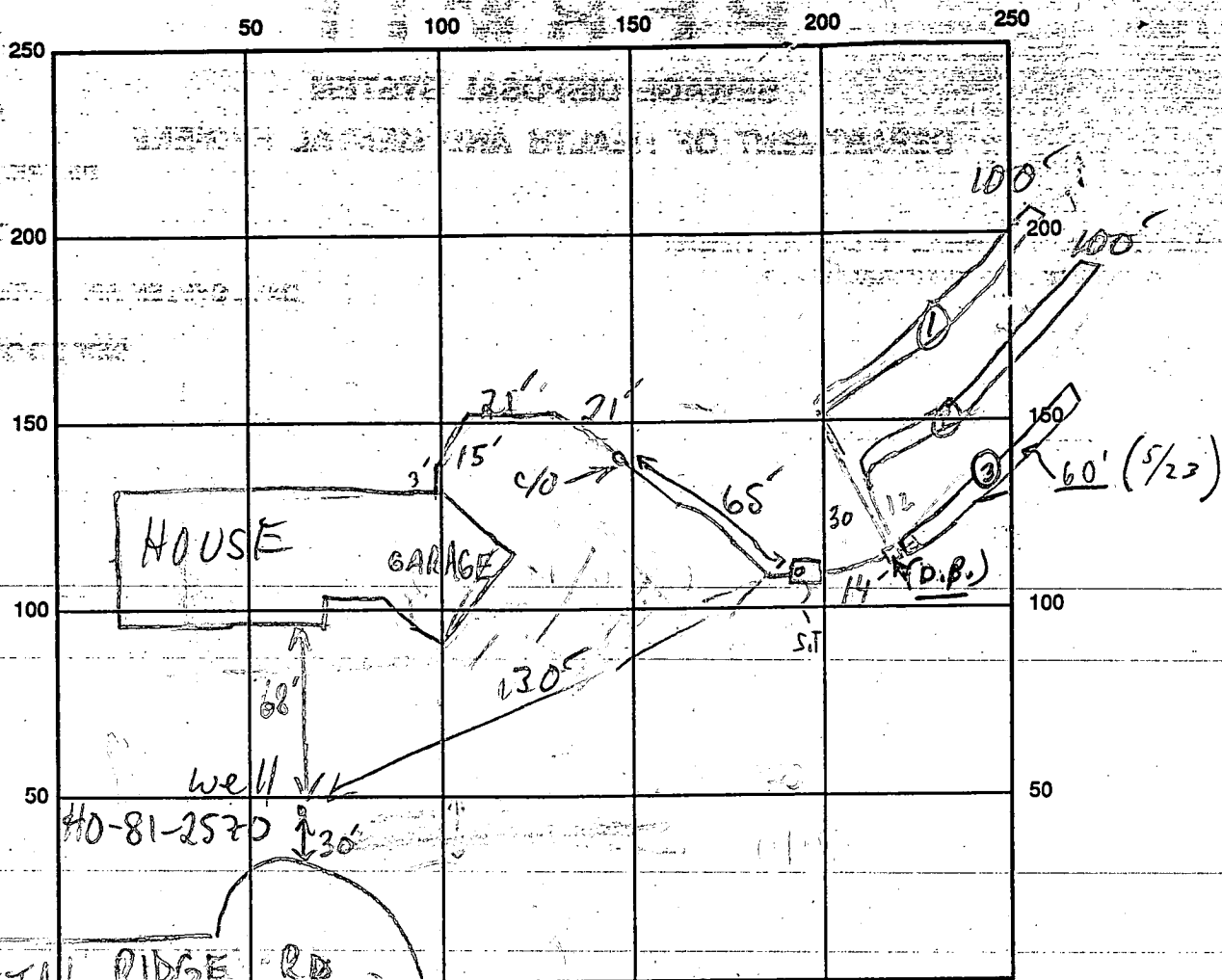
PERMIT VOID AFTER TWO YEARS

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 38165



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK CLEANOUTS OK
 DISTRIBUTION BOX LEVEL OK - (Baffle is in)
 DRAIN FIELD/TITLE DEPTH 1 1/2 / 3 / 5.5 / 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 1 1/2 / 3 / 3 FT.
 EFFECTIVE GRAVEL DEPTH 1 1/2 / 3 / 2.5 / 2.5 FT. TOTAL LENGTH (260) ③ 60 ② 100 ① 100 FT.
 NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA ③ 180 ② 300 ① 300 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA 780⁺ SQ. FT.

REMARKS: 5/23/91 OK TO CONTINUE W/ TRENCHES. CONTRACTOR INTENDED 2 100' TRENCHES W/ 1 40' TRENCH. TOLD HIM TO MAXIMIZE LAST TRENCH LENGTH. MR. 5/23/91 Let trench ③ = 60' long + D.B. on old to com - FINAL.

[5/23 W.P.I. - No work @ 1:30 a.m. B.A.] HOLD FOR CALL
 DATE SYSTEM APPROVED 5/23/91 INSPECTOR Charles Bryan Starks

APPLICATION

PERCOLATION TESTING

A 38/65

P _____

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

DISTRICT _____

DATE 11/28/86

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: Springhill Associates - c/o D.S. Thaler & Associates, Inc. ⁴⁴²⁻⁵⁵⁵²

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

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Meadowood LOT NO. 24/58

ROAD AND DESCRIPTION Henryton Road - approximately 4000' north of Tunnel Road
Howard County, Maryland (1221 Crystal Ridge Road)

TAX MAP 10 PARCEL # 139

SIZE OF LOT 3+ Acres 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.

Mike Sedel
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING: 12/15/86 Perc Satisfactory, Hold for subdivision Plat. SAH

BLDG. PERMIT SIGNED
AND RETURNED 11/28/86
Serial # 29331 - SFD

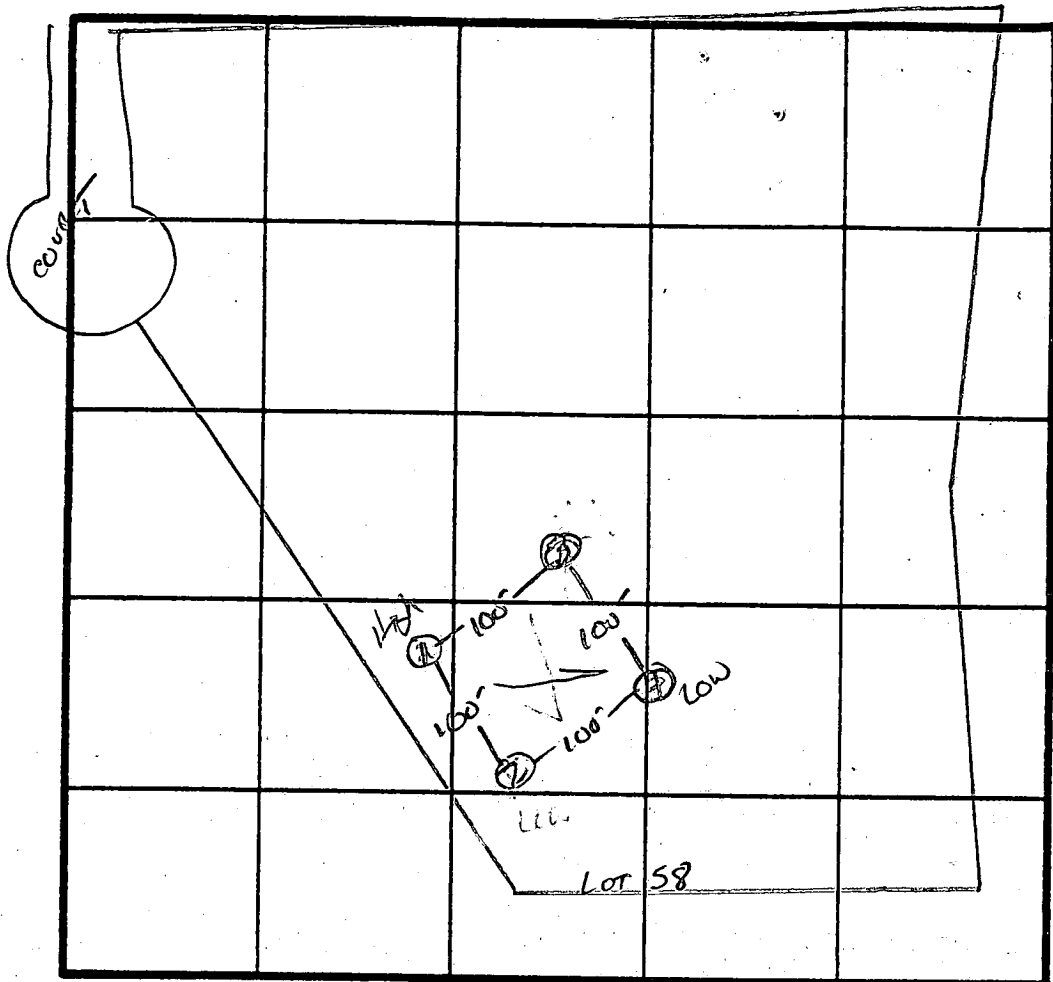
THIS IS NOT A PERMIT

③ ④
① ②
SOIL PROFILE

0' A1-3
STRONG BL to
Yellow BL
Silt loam
w/ 9-96 clay
< 10% frags

3' TAN to
Light BL
Sandy silt
loam
Highly
micaceous
20-30%
increasing
to 30-45%

G1



2 Perc
1 min
160 #/BL
3' INLET
8' BOTTOM
Repairs to be
Shallow

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|-------|-----------------------------|-------|----------------|-------|-------|
| | | | START | STOP | START | STOP | |
| 12/9/86 | 1 S | 3.5" | 11:14 | 11:15 | 11:15 | 11:16 | 1 min |
| | | 7" | 11:15 | 11:16 | 11:16 | 11:17 | 1 min |
| | 1 V | 12" | UNIFORM soil below | | 3" | | |
| | 2 V | 12" | UNIFORM soil below | | 2.5" | | |
| | 3 S | 3.5" | 11:18 | 11:19 | 11:19 | 11:20 | 1 min |
| | | 11.5" | SAME AS HOLE # 2 | | | | |
| | 4 S | 11.5" | 11:21 | 11:22 | 11:22 | 11:23 | 1 min |
| | | | SIMILAR TO #2 w/ STRUCTURED | | SCHIST AT 11" | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS 11:15 PER PLAT / SHALLOW SKST REPAIRS

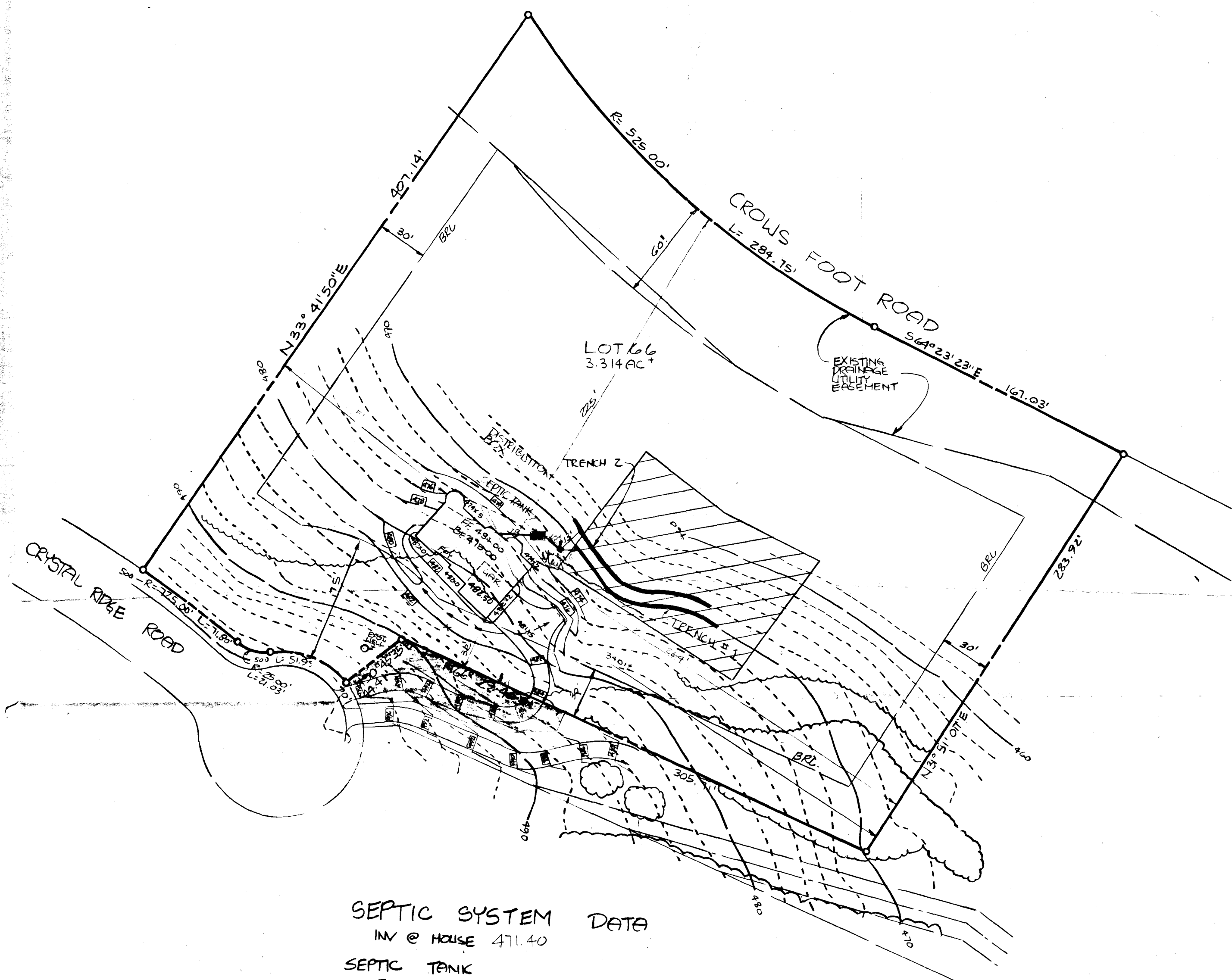
TYPE OF SOIL Glendy

TESTED BY S. Abel

J. Fyack & Co
OWNER

ALSO PRESENT

EH-12-1079



SEPTIC SYSTEM DATA

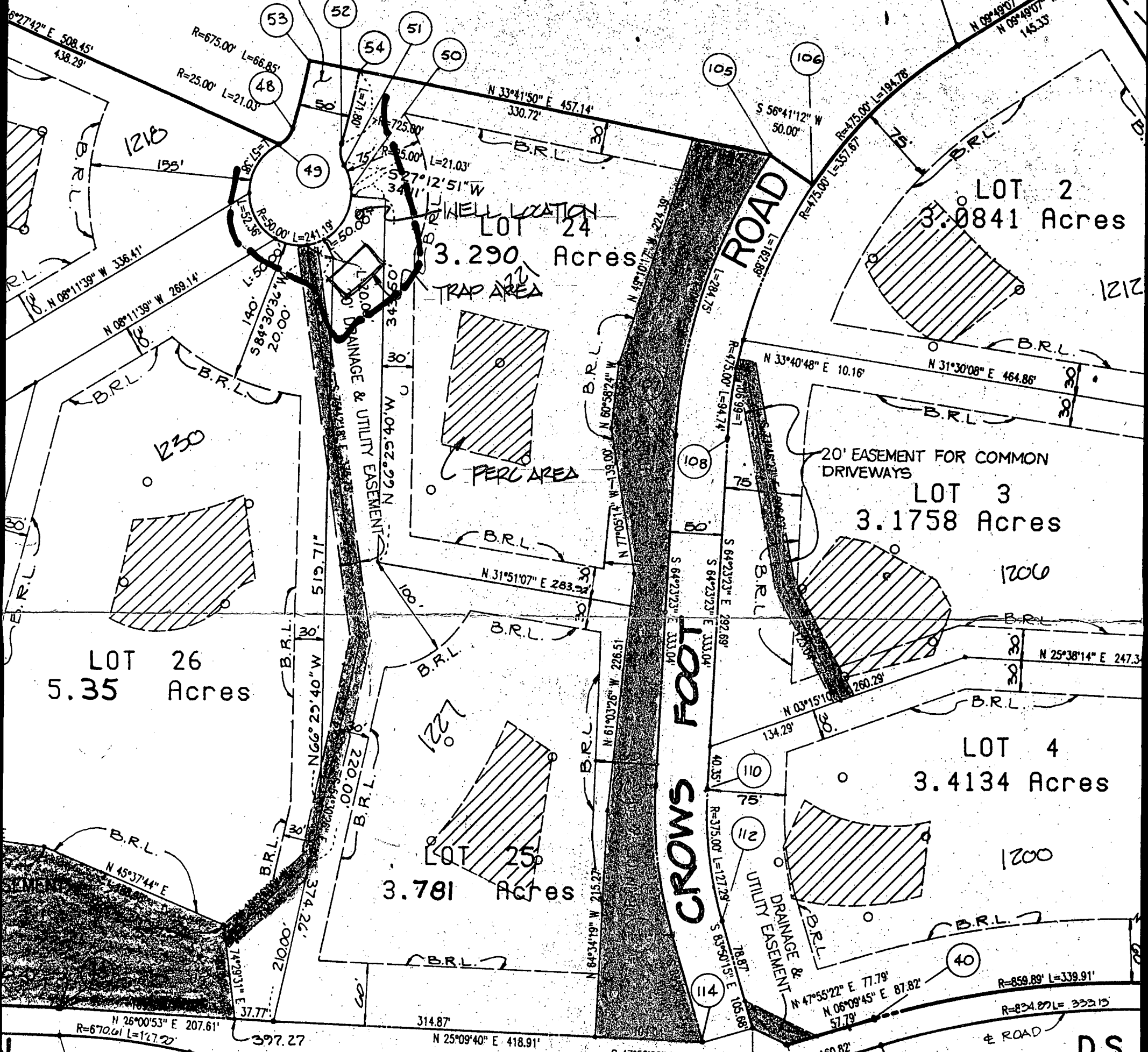
| | | |
|---|---------------------------|------------------|
| INV @ HOUSE | 471.40 | |
| SEPTIC TANK | | |
| EX GRADE | 474.0 | |
| FIN GRADE | 474.0 | |
| INV. IN | 471.0 | |
| INV. OUT | 470.7 | |
| DISTRIBUTION BOX | | |
| EX GRADE | 472.0 | |
| FIN GRADE | 472.0 | |
| INV. IN | 469.0 | |
| INV. OUT | 469.0 | |
| TRENCHES (LENGTH AND NUMBER TO BE DETERMINED BY HOWARD COUNTY HEALTH DEPARTMENT) | | |
| | TRENCH #1 | TRENCH #2 |
| EX GRADE | 470.0 | 468.0 |
| FIN GRADE | 470.0 | 468.0 |
| INV. IN | 467.0 | 468.0 |
| NOTE: GRAVITY FLOOR PROVIDED | SEWER SERVICE TO BASEMENT | |

*15 NOV
PLANS*

SITE PLAN
MEADO
LOT 6
SECTION
3RD ELECTIO
TAX MAP 16
PLAT #
HOWARD C
SCALE 1"

MATCH LINE SEE SHEET 5 OF 6

CRYSTAL RIDGE ROAD



LOT 26
5.35 Acres

LOT 25
3.781 Acres

LOT 24
3.290 Acres

LOT 3
3.1758 Acres

LOT 4
3.4134 Acres

LOT 2
3.0841 Acres

AREA 1.4762
LAND DEDICATED TO HOWARD COUNTY, MARYLAND FOR THE PURPOSE OF A PUBLIC ROAD

OWNERS CERTIFICATE

ASSOCIATES BY CARLYN ALIAH MANAGING PARTNER, OWNER OF THE AND DESCRIBED HEREON, HEREBY ADOPTS THIS PLAT OF SUB- CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION INTO HOWARD COUNTY MARYLAND, SUCCESSORS AND ASSIGNS (1) AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON (2) THE RIGHT OF PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER PURPOSES, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE SIMPLE TITLE TO THE BEDS OF THE STREETS, ROADS AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND (3) THE RIGHT OF PUBLIC USE OF WATER WAYS, DRAINAGE EASEMENTS FOR THE PURPOSE OF THEIR REPAIR AND MAINTENANCE; (4) THAT NO BUILDING OR SIMILAR STRUCTURE BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.

HANDS THIS DAY OF 26 May 87

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF PART OF THE LANDS CONVEYED BY C. OLIVER GOLDSMITH TO SPRINGHILL ASSOCIATES BY DEED DATED JUNE 13, 1983 AND RECORDED AMONG THE LANDS OF HOWARD COUNTY, MARYLAND IN LIBER 1168 AT FOLI AND THAT ALL MONUMENTS ARE IN PLACE, OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THIS SUBDIVISION BY HOWARD COUNTY, MARYLAND AS SHOWN ON THIS PLAT IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

D.S.

ZITZMAN
783/4000

B 7 5204

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

MD-81-2570

fill in this form completely

Date Received 7/2/87

071487

OWNER INFORMATION

SPRING HILL ASSOC

1932 RT 32

W FRIENDSHIP MD 21794

B 3

LOCATION OF WELL

R 39652

HOWARD

MEADOWOOD

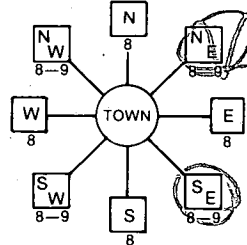
SECTION 1 LOT 24

SUMMERVILLE

MILES FROM TOWN 4 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



CRYSTAL RIDGES ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



2600 DISTANCE FROM ROAD

ENTER FT or MI FT

B 2

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
Public or private water company
Test, observation, monitoring

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME
A 39865 COUNTY NO.
OEP SIGNATURE B Nylan
DATE ISSUED 022488
NORTH GRID 549000 EAST GRID 082000

APPROXIMATE DEPTH OF WELL 200 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 Rotary)
Cable
Reverse-Rotary
Drive-Point

REPLACEMENT OR DEEPEINED 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 deepen an existing well

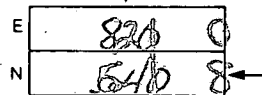
Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE INITIALS PERMIT No. MD-81-2570

SPECIAL CONDITIONS

- 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



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

