

10/3/97
Site insp.
10am (meet installer)
10/27/97
Anytime
2/17/98
a.m. w
2/20/98 NOT
pm C.O. DONE

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

65-422132

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~

313-2640

INDEXED

DATE SYSTEM APPROVED

P 59000

A 49860L

DISTRICT 5th

DATE 9/30/97

2/26/98

INSPECTOR

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 580 Obrecht Rd Sykesville 21784 PHONE 795-5670

SUBDIVISION Springdale Estates LOT 6 ROAD 13724 Springdale Drive

PROPERTY OWNER Larry Wilson

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

LAYOUT INSP. REQ'D BEFORE
EXCAVATION. MR 9/9/97

TRENCHES - 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 - Place the distribution box 50 feet from the rear (200') lot line and 60 feet from the right (210') lot line. Run trenches on contour to rear of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 12/30/96 OK ALM

PLANS APPROVED BY Mark Rifkin

DATE 12/27/96

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

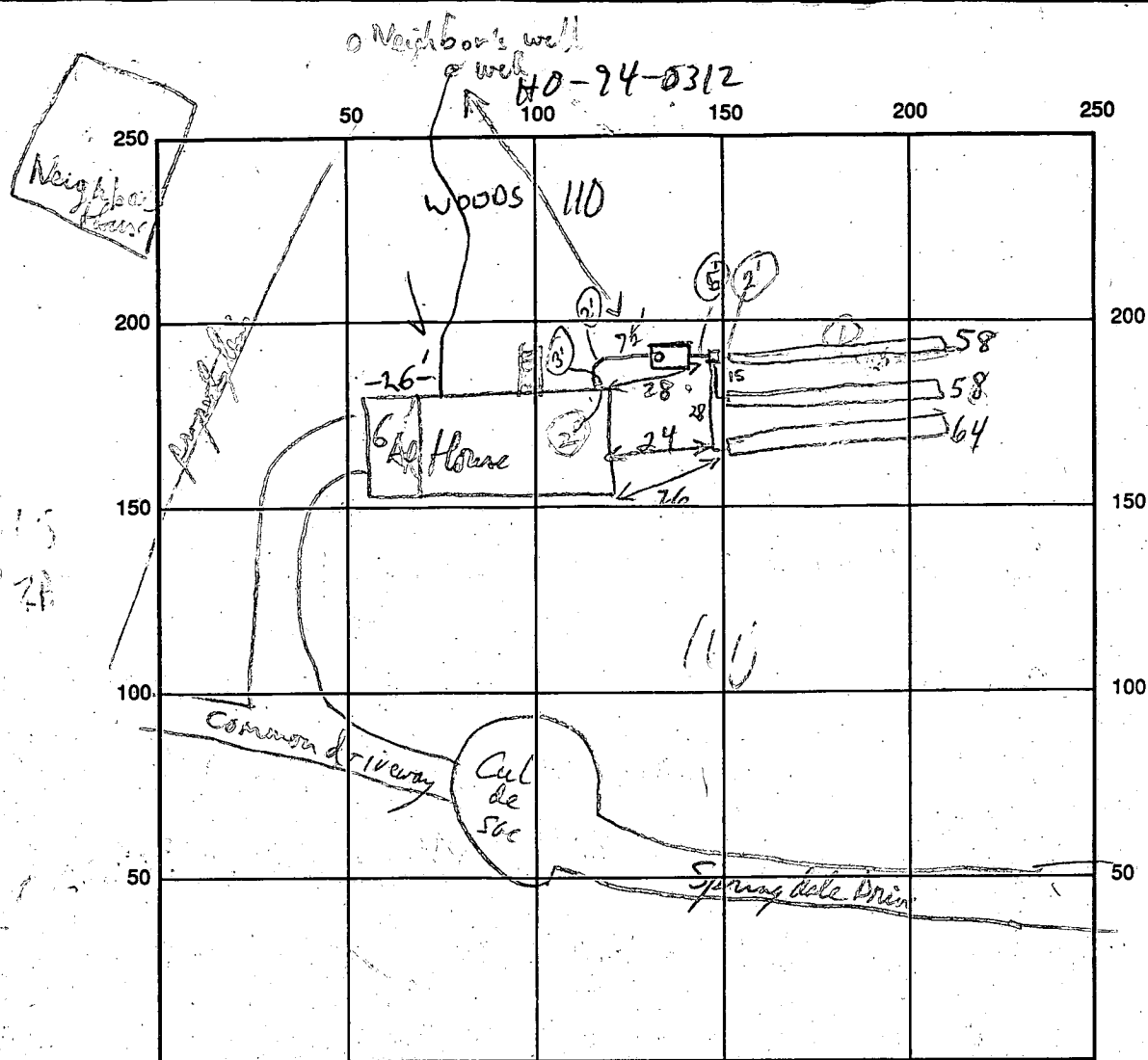
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

219860-1



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 and CLEANOUTS ST & House

DISTRIBUTION BOX LEVEL OK Baffle in

DRAIN FIELD/TITLE DEPTH 7' FT. TRENCH WIDTH 2 FT. INLET DEPTH 3' FT.

EFFECTIVE GRAVEL DEPTH 4' FT. TOTAL LENGTH 58 58 64 FT.

NUMBER OF TRENCHES 3 ONE-SIDEWALL BOTTOM AREA 1232 232 256 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS: 10/3/97 LAYOUT & DESIGN: AS PER SITE PLAN CONFIRMED (MR)

House connection, S.T., + 1st Trench OK to cover. Call for ready inspection when done 11/23/97

2/20/98 CD NO NEW WORK, EQUIPMENT ON SITE, VERY MURKY. (MR)

2/23/97 OK TO COVER TRENCHES, HOLD FOR HOUSE CONN (MR)

2/26/98 WPT OK TO COVER. (NO CASING GRIND) (MR)

2/26/98 HOUSE CONNECTION OK TO COVER. (MR)

DATE SYSTEM APPROVED 2/26/98 INSPECTOR Bob Long

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-N Ellicott Mills Drive
Ellicott City, MD 21043
481-0033

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt # _____
Date _____

Name of Installer

WILLOUGHBY PLUMBING

Telephone

410-781-7051

License Number _____

Certified Well Pump Installer _____

Well Driller _____

Registered Plumber ☒

Name of Property Owner

DAVE THOMPSON BUILDERS

Telephone

410-995-6734

Subdivision

SPRINGDALE

Lot # D

Well Tag #

99-03-12

Site Address

13724 Springdale Dr
Clarksville, Md 21029

Pump

1. Type

- a. Deep well jet _____
b. Shallow well jet _____
c. Submersible ☒

2. Make

TECUMSEH

3. Model #

4. Capacity

5 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 TORQUE

Motor

1. Horsepower

3/4 HP

2. RPM

3. Voltage

a. 110

b. 220 ☒

Pitless Adapter

1. Make

HARVEY

2. Model #

3. Depth

8

Tank

1. Capacity

2. Pressure relief

valve? ☒

Piping

1. Type

URETHANE

2. Size

1"

3. NSF and/or BOCA

Code approved

4. Depth of supply

line 4'

Well data

1. Depth 400 ft.

2. Yield 2.4 GPM

3. Static water

level _____ ft.

4. Will water supply

be disinfected by

installer? ☐

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: Chris J. Wiloughby

Date: 2/18/98

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

THIS PLAN OK MR
9/9/92
NO ADD. ADJ.

Translate

10'

1:30

TREE CON=

N 2° 50' 31" W 200.00'

LOT 022

L.O.D.

RUNOFF

FF: 475.0
BASE + 466.0

3850

73'

450

1134

2000

400

133'

L.O.D.

15' BR

S 13° 15' 41" S

1144
A = 58.84

S.O.E.

460

APPLICATION

PERCOLATION TESTING

A 49860L

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Larry Wilson

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Springdale LOT NO. X 6 on perc cert

ROAD AND DESCRIPTION (13724 Springdale Drive)

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

J. PERMIT SIGNED

AND RETURNED 10/27/96

Serial # B7103323

SFD-4B

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 _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

49860 L

COUNTY #

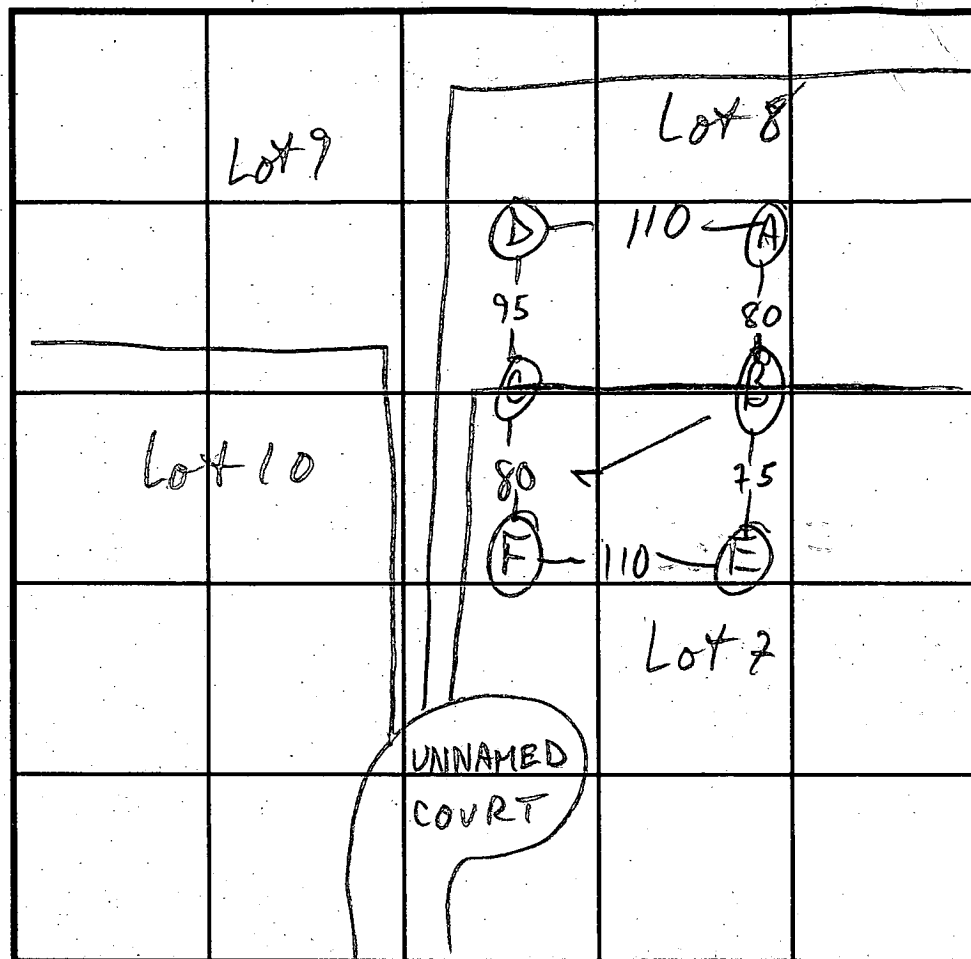
Lot 7

SOIL PROFILE

0'

ALL

tan brn
sa cl loam
brn tan
gel
sa mica
loam
w/some
wh. streaks
5-15%
frags



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/4/94	E	4	11:54	11:57	11:57	12:00	3
	E	11	10:45%	saprolite frags	see profile		
	F	4 1/2	12:01	12:04	12:04	12:06	(2)
	F	12 1/2	see profile				
	A	4 1/2	11:44	11:47	11:47	11:49	(2)
	A	11 1/2	see profile				
	B	3 1/2	11:47	11:51	11:51	11:53	(2)
	B	6 1/2	11:47	11:50	11:50	11:56	6
	B	12	see profile				

REMARKS HOLES PER PLAN ±

TYPE OF SOIL

TESTED BY M. Rifkin

ALSO PRESENT J. Allen, R. Demmitt

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

3

TRENCH WIDTH

2

INLET DEPTH

3 1/2

MAXIMUM BOTTOM DEPTH

7 1/2

SQ. FT./BEDROOM

180

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 6

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ 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. _____

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0'

tan
sa cl
lm &
sa lm
3
wh.
brn tan
fine
soapstone
sand
mica
15% frags

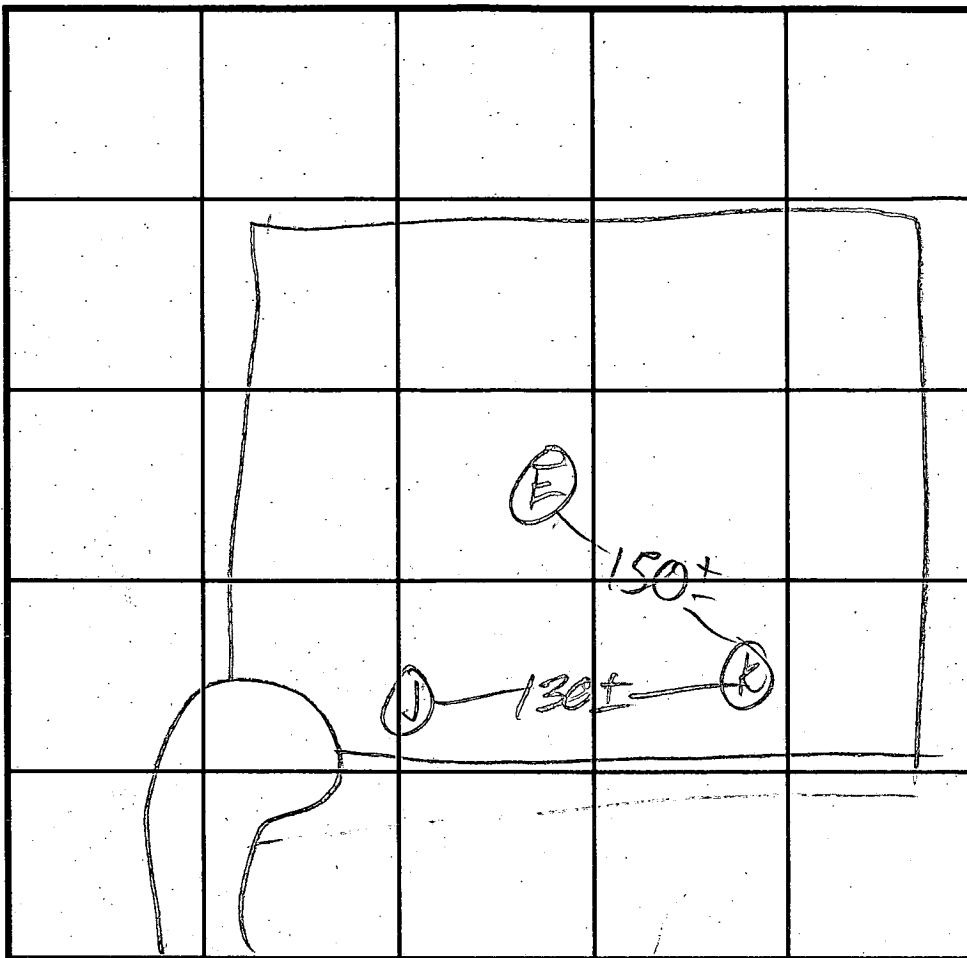
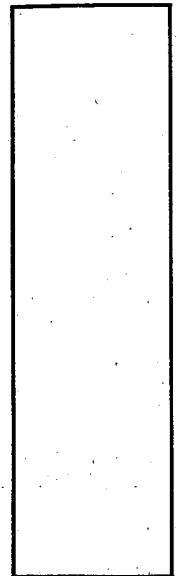
13

tan brn
sa cl lm
3

tan
sand
15-20%
saprolite
frags
13

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/2/94	K S	3	2:55	2:56	2:56	2:59	3
	K V	13					
	J S	2 1/2	3:08	3:09	3:09	3:13	4
	J V	12 1/2					

REMARKS

TYPE OF SOIL

TESTED BY

M. Ripkin

ALSO PRESENT

R. D. J. Allen

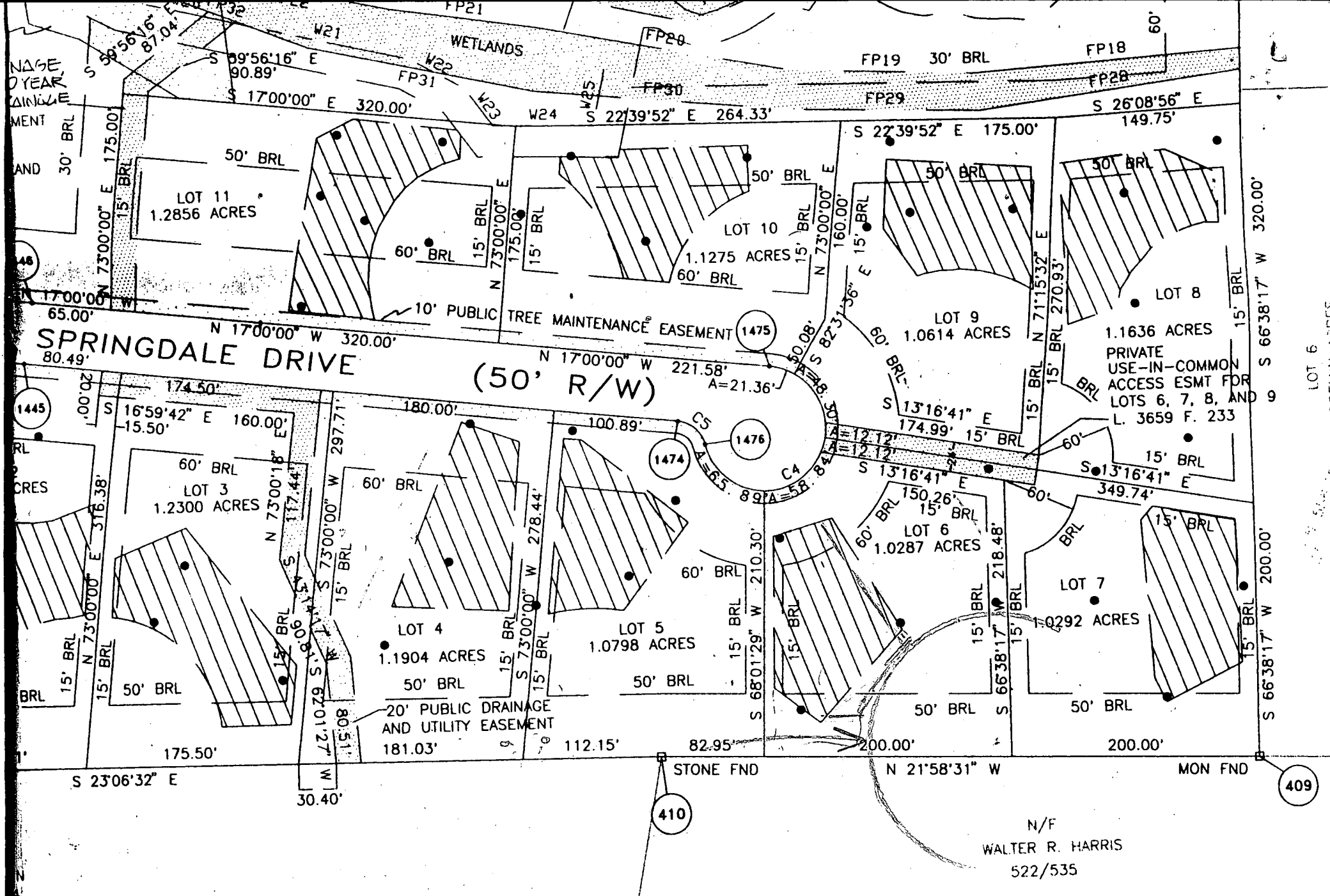
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct, that it is a subdivision of all of the land conveyed by Polly D. Smith by her Attorney in Fact Gary Peklo, The Estate of

RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND ON APRIL 4, 1996 AS PLAT NUMBER 12112

SPRINGDALE ESTATE

COUNTY.

B 1 5334 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER H0-94-0312 fill in this form completely
Date Received (APA) 12/29/94 OWNER INFORMATION Demmitt RICHARD 15 Last Name Owner First Name Box 228 36 Street or RFD CLARKSVILLE MD 21029 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL HOWARD 8 COUNTY SPRINGDALE 23 SUBDIVISION 42 CLARKSVILLE 52 NEAREST TOWN 71 3 MI 73 76 77 78	
DRILLER INFORMATION Joseph R. Mayne Driller's Name 24 77 License No. 80 Joseph R. Mayne Well Drilling Firm Name 5512 Ridge Rd. Mt. Airy, Md. 21771 Address Joseph R. Mayne Signature 12/10/94 Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		NEAR WHAT ROAD Springdale Drive 11 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST 250 34 37 EAST FT 38 39 DISTANCE FROM ROAD ENTER FT OR MI	
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 COUNTY NAME A 49860 L COUNTY NO. 0111995 DATE ISSUED Mark E. Rifkin CO SIGNATURE 496000 NORTH GRID 50 55 0804000 EAST GRID 57 63	
APPROXIMATE DEPTH OF WELL 265 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH		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 8084 E 4986 N	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jettied & DRIVEN 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTARY DRIVE-POINT other		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP 54 63 FORCE MR H0-94-0312 67 68 WRITE INITIALS IN BOX 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =			

Approved Septic System Plan
Howard County Health Department

Approved Septic System Plan Howard County Health Department

Signature

Date

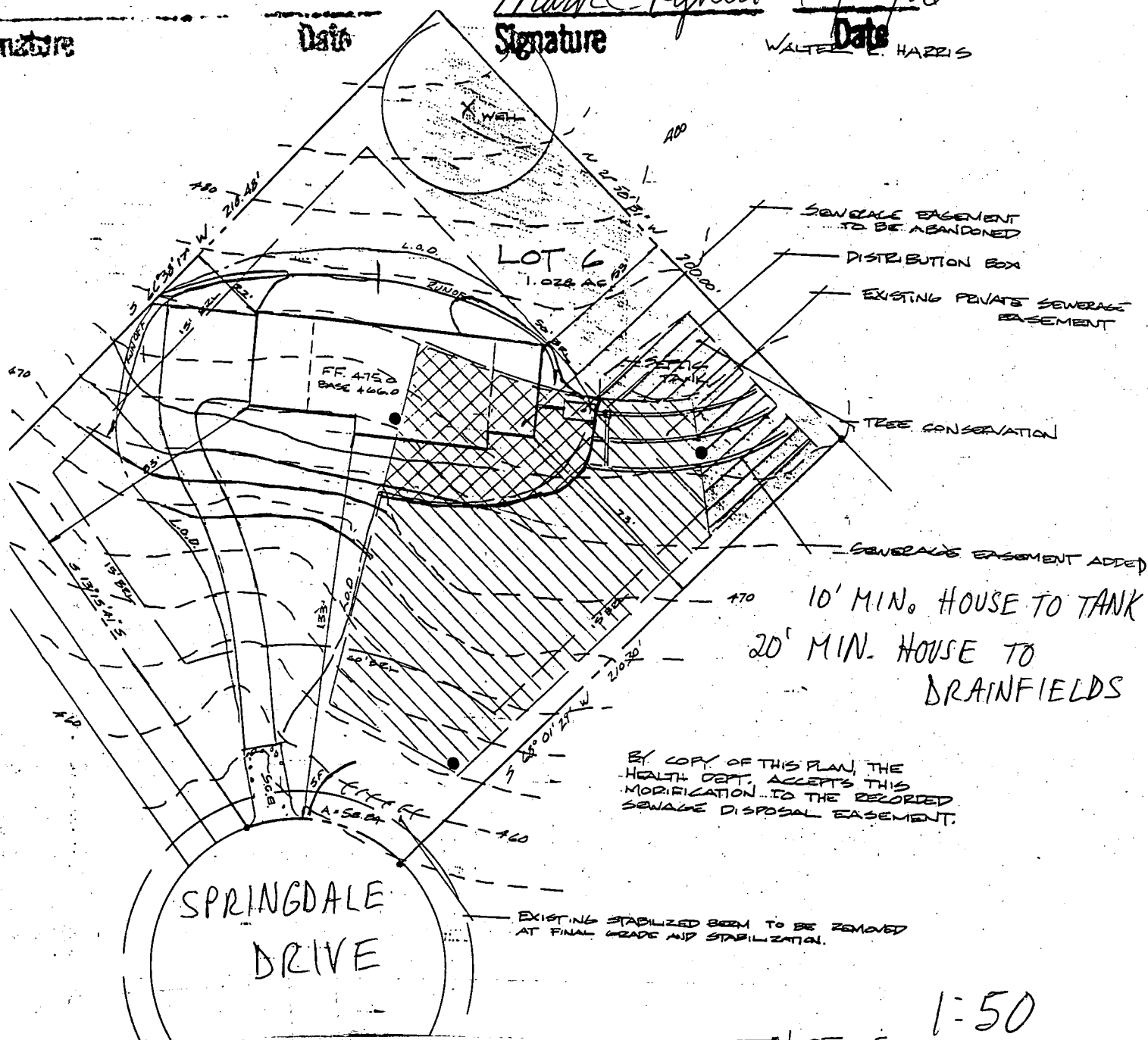
Signature

Date

WALTER E. HARRIS

Mark E. Riffin

12/27/96



Septic Grades & Elevations

	Inv.	Grade
INVERT AT HOUSE	473.50	475.50
INVERT AT ENTRANCE TO TANK	473.35	
INVERT AT EXIT FROM TANK	473.10	
INVERT AT DISTRIBUTION BOX	473.00	475.70
	472.70	475.70

LOT 5 1:50

by Dale Thompson
Builders
(L. Lavalley)
12/27/96