

1-2-97
ASAP C.O.
NOON
3/11/97
House Conn #WPI
anytime
3/12/96
House Conn #WPI

3/12/97 house conn. made KM 1/8/97 needs house
1/10/97 house conn.
letter sent
P 57620
A 57356

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-356241

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

DISTRICT

DATE 12/30/96

DATE SYSTEM APPROVED 3-12-97

INSPECTOR KM

INDEXED

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Gwyndyl Oak Estates LOT 28 ROAD 2860 Rolling Fork Way

PROPERTY OWNER NV Homes

ADDRESS 2200 Defense Highway
Crofton, MD 21114

SEPTIC TANK CAPACITY 1250 GALLONS ***TOP SEAMED TANK***

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

AG. PERMIT SIGNED
AND RETURNED 3-10-97
Serial # B00109281
pupantland

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box at highest point of septic area. Run trenches along contour towards left-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. 12/27/96 OK ALM

PLANS APPROVED BY Amy McMillen DATE 12-26-96

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

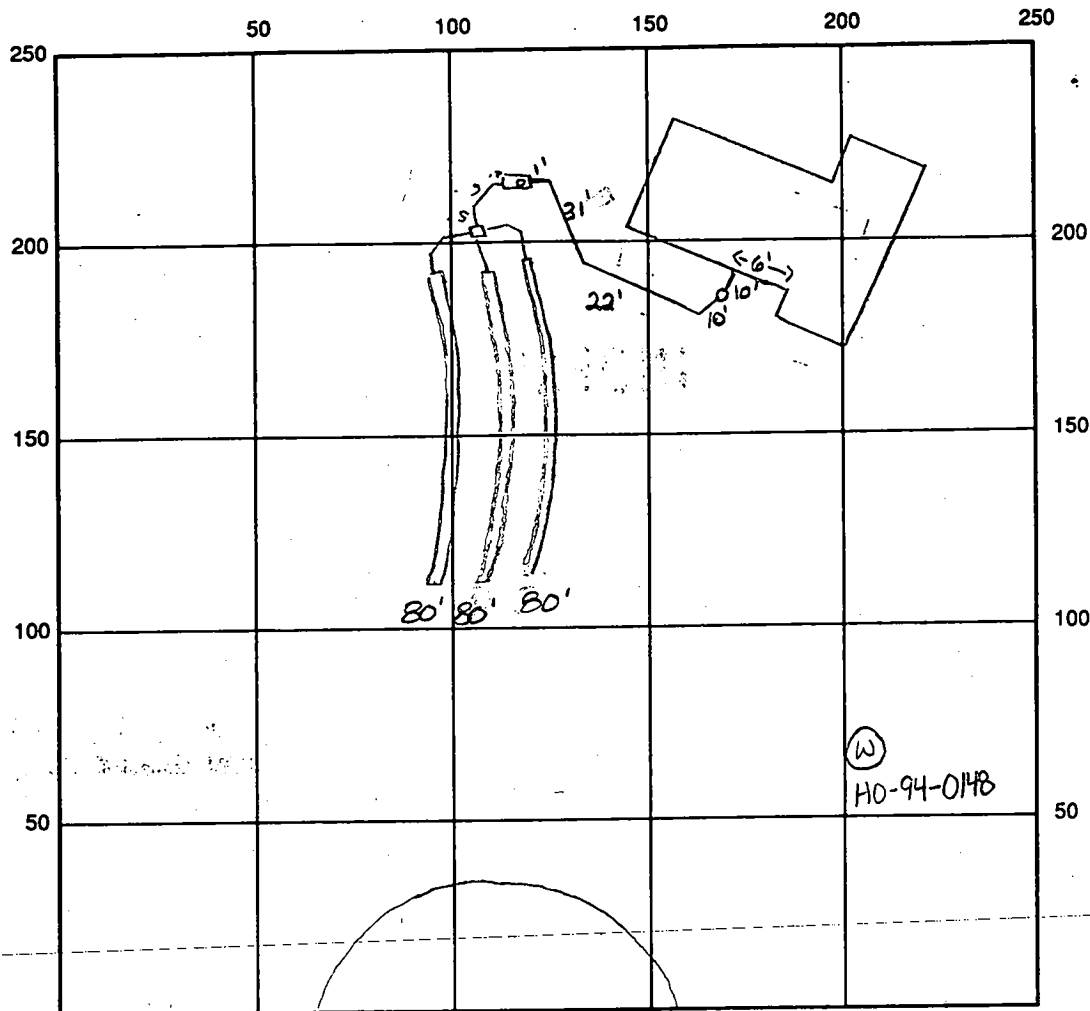
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

OLDG. PERMIT SIGNED
AND RETURNED 2/7/97
Serial # B00103895
Bury 570 gal pumpout tank

A 57356



SEPTIC TANK LEVEL OK

CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5.5 FT.

TRENCH WIDTH 3.0 FT.

INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT.

TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

$\frac{240}{3} = 80$

DRYWALL INSIDE DIAMETER FT.

EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 1/2/97 OK to stone trenches #1 & 2 - Adjustment to bottom depth made - 5.5 - clay to 5' in field ALM 1/3/97 OK to stone & cover last trench - send measurements for distribution box location after sent - OK to cover all House connection needed ALM
3-12-97 house connection made, ok to cover KM
2-10-97 house connection not made 3-7-97 house connection not made

DATE SYSTEM APPROVED 3-12-97

INSPECTOR Kimberly Nais

11/15/96

Spoke with builder, Michael Tran about perc results on this lot. I told him that the proposed tests failed but I had found an area that did pass. Due to the uncertainty of rock on this lot, I told him that the septic will have to go in before the building permit. They may install it so that the house is located where the owners want it.

Amy Mc Millen

—

[illegible]

10/25/96
1:00

APPLICATION

PERCOLATION TESTING

A 57356

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT _____

DATE 10/28/96

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

10/22/96
Preview ok
Purpose: move
sewage
easement
AUM

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

PROPERTY OWNER NVHomes

ADDRESS 2200 Defense Highway Crofton, MD 21114 PHONE (410)721-4703

AGENT OR PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Gwyndyl Oak Estates LOT NO. 28 - SFD - 4Bum

ROAD AND DESCRIPTION 2860 Rolling Fork Way

TAX MAP 14 PARCEL # 123

SIZE OF LOT 56,252 sq. ft. TYPE BLDG. SFD
(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.

James J. Kerwin
(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'

A

dark
red
clm

4.0

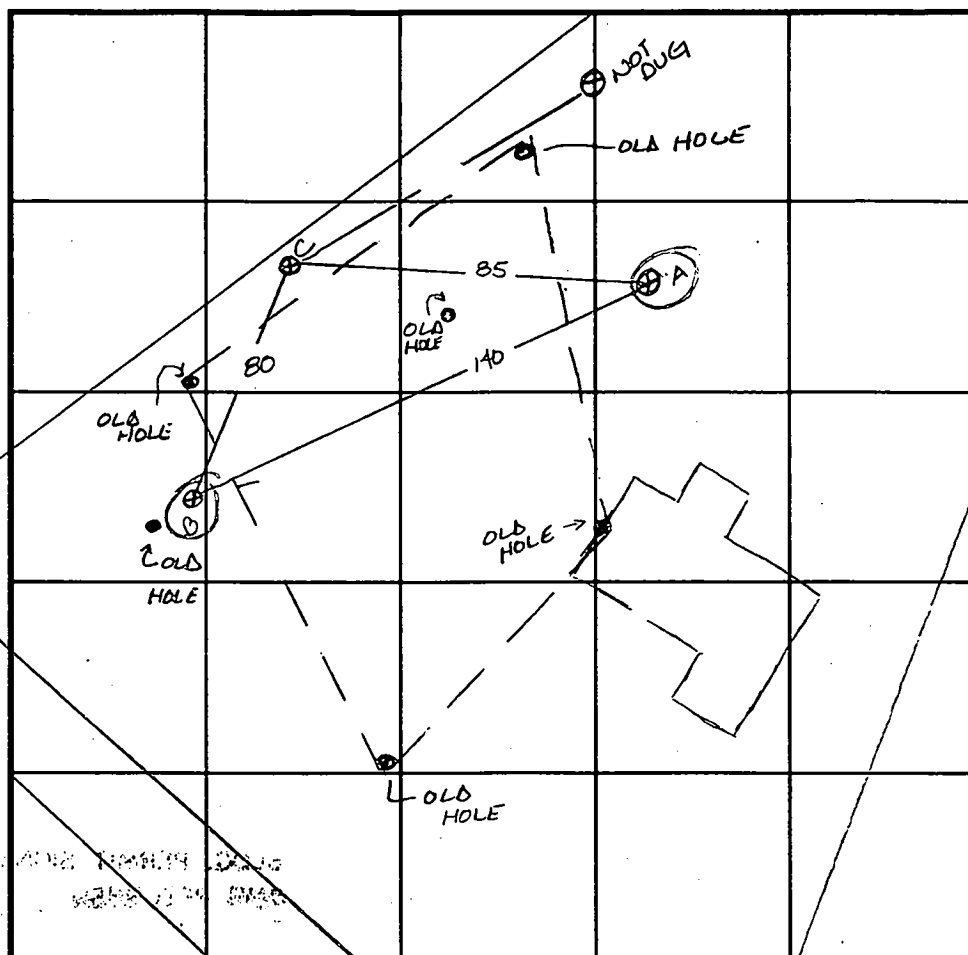
dark
orange
Si Salm

6.0

refusal

C

like
A
but
refusal
at ...
8.5



SOIL PROFILE

0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

[illegible]

REMARKS

TYPE OF SOIL

TESTED BY Amy McMullen

ALSO PRESENT Kenny

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

APPLICATION

PERCOLATION TESTING

A 48648

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT _____

NO HISTORY

NEW TESTS REQD.

DATE 10-22-92

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 PETTIT & GRIFFIN INC.

ADDRESS 18205-D FLOWER HILL WAY PHONE (301) 975-1020

GAITHERSBURG MARYLAND 20879

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Mckendree estates LOT NO. 28 27 NEW 29

(917193)

ROAD AND DESCRIPTION Mckendree Road

TAX MAP 14 PARCEL # 123

SIZE OF LOT 40,000# - 60,000# TYPE BLDG. SINGLE FAMILY DWELLING
(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. Zacharia y. fisch (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 11/2/92 Rec OK Hold for plat

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

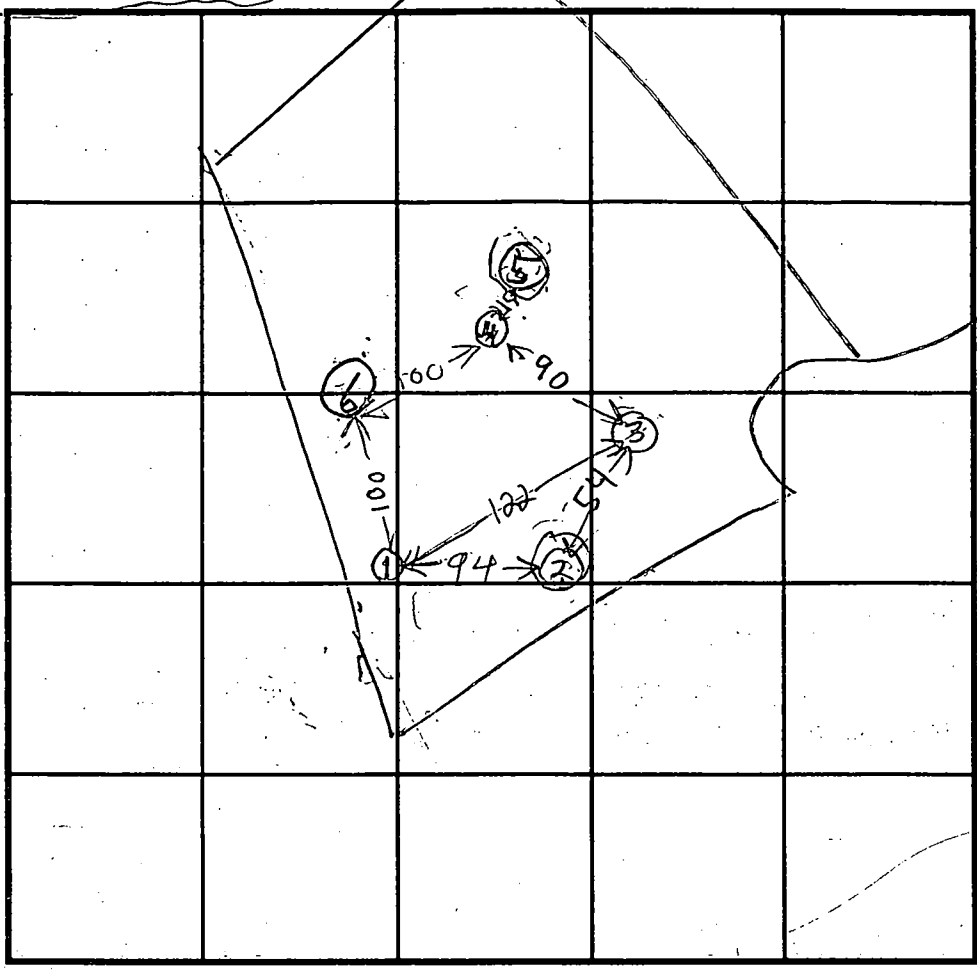
48648

Lot 27

COUNTY #

SOIL PROFILE

0' TOPSOIL
BROWN CLAY
3' BROWN & GRAY
SAND LOAM
& FEW
ROCKS
10' ROCK BOT



SOIL PROFILE

0' TOPSOIL
BROWN CLAY
3' GRAY
& REDDISH
BROWN
SAND
LOAM
12' ROCK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

3' TOPSOIL
CLAY
BENDDISH
BROWN
SAND
LOAM
9' ROCK BOT

3' TOPSOIL
CLAY
BENDDISH
BROWN
& GRAY
SAND
LOAM
9' ROCK

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/12/92	1S 1V	4 10	1139	1142	1142	1149	7
11/12/92	2S	4	ROCK FAIL				
	3S 3V	3.5 9	1146	1148	1148	1157	9
	4S 4V	3.6 6	1153	1157	1157	1206	9
	4V	9	1152	1154	1154	1157	3
	4V	9	OK SHALLOW				
	5V	5	ROCK FAIL				
	6V	12	ROCK				
	6V	12					

REMARKS Hole ①②③ dug per test Plat Hole

TYPE OF SOIL

TESTED BY R. HODGES ALSO PRESENT HUGH & OKETELMAN JR

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7 TRENCH WIDTH 3

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 180

C1 8852

SEQUENCE NO.
(DENV. USE ONLY)(THIS NUMBER IS TO BE RUNCHED
IN COLS. 3-6 ON ALL CARDS)STATE OF MARYLAND
WELL COMPLETION REPORTFILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A# 48648

ST/CO USE ONLY

DATE Received

8 13 15 20

DATE WELL COMPLETED

091594

Depth of Well

22 300 26
(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

H0-94-0148

OWNER WHEELER DEVELOPMENT

STREET OR RFD last name ROLLING FORK WAY first name

TOWN CLEWOD

SUBDIVISION GWYNN OAK ESTATES SECTION

LOT 28

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed) FEET Check
if water
bearing

	FROM	TO
dirt	0	5
med tan rock	5	12
med hard/hard tan	12	57
med hard brown rock	57	58
med hard/hard gray	58	188
med gray rock	188	189
med hard/hard gray	189	300

X

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes no
Y N
44 44

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 6 NO. OF POUNDS 650

GALLONS OF WATER 30

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 20 ft.
48 TOP 52 54 BOTTOM 58
(enter 0 if from surface)Casing types
insert
appropriate
code
below

Casing Record

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN Casing TYPE Nominal diameter
top (main) casing
(nearest inch) Total depth
of main casing
(nearest foot)P L 0 21
60 61 63 64 66 70EACH Casing OTHER Casing (if used)
diameter depth (feet)
inch from toscreen type or open hole
insert
appropriate
code
below

SCREEN RECORD

ST BR HO
STEEL BRASS OPEN
BRONZE HOLE
PL OT
PLASTIC OTHERC2
1 2
DEPTH (nearest ft.)
H 0 20 300
8 9 11 15 17 21
23 24 26 30 32 36
38 39 41 45 47 51SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)
56 60
from toGRAVEL PACK
IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)T (E.R.O.S.) W Q
70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

1 2

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 2

METHOD USED TO MEASURE PUMPING RATE timer

WATER LEVEL (distance from land surface)

BEFORE PUMPING 32

WHEN PUMPING 157

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 YES NO

(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)

+ above

- below

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)

Drilled on

Approved - TALK

DRILLERS IDENT. NO. 204

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman

responsible for sitework if different from permittee)

COUNTY

Copy Review OK AP 10/24/94

JONES WELL DRILLING, INC.
3700 RUSH ROAD
JARRETTSVILLE, MARYLAND 21034

DAVID KELLY
License #304

Date test Completed: 09-15-94 Telephone (301)692-6981

Well Depth: 300 feet

Initials: JH

Permit No. HD-94-0148

Subdivision Gwyndyl Oak Estates

Section

Lot 28

Road Rolling Fork Way

District

Water level before pumping: 32 feet

	Time	Level (feet)	Time to Fill 5-gallon bucket seconds	G.P.M.
1	10:15	32	20	15.00
2	30	126	33	9.09
3	45	157	128	2.34
4	11:00	157	130	2.31
5	15	157	133	2.22
6	30	157	150	2.00
7	45	157	150	2.00
8	12:00	157	150	2.00
9	15	157	155	1.94
10	30	157	155	1.94
11	45	157	155	1.94
12	1:00	157	155	1.94
13	15	157	155	1.94
14	30	157	155	1.94
15	45	157	155	1.94
16	2:00	157	156	1.92
17	15	157	158	1.90
18	30	157	158	1.90
19	45	157	158	1.90
20	3:00	157	158	1.90
21	15	157	158	1.90
22	30	157	160	1.88
23	45	157	162	1.85
24	4:00	157	162	1.85
25	15	157	162	1.85
26	30	157	162	1.85
27	45	157	162	1.85
28				
29				
30				
31				
32				
33				
34				
35				
36				

FUTURE PERFORMANCE MAY VARY FROM TESTED PERFORMANCE

3-7-97

WPI ok to cover well line

P.A. 4' below grade

Casing 1' above grade

2 piece water tight cap

H10-94-0148 KM

HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health

3525-H Ellicott Mills Drive

Ellicott City, MD 21043

Fax 313-2643 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒Replacement ☐

Receipt #

Date

3/7/97

Name of Installer

Robert L. Feezer Co., Inc.

Telephone

781-4655

License Number

2122

Certified Well Pump Installer ☒Well Driller ☐Registered Plumber ☒

Name of Property Owner

NV-HOMES

Telephone

301-858-0525

Subdivision

Gwynndale Oaks

Lot # 258

Well Tag #

H10-94-0148

Site Address

280 Rolling Fork Way

Pump

1. Type

a. Deep well jet

b. Shallow well jet

c. Submersible ☒

2. Make

Starline

3. Model

73700351

4. Capacity

7

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 ☐

Motor

1. Horsepower

3/4

2. RPM

3450

3. Voltage

a. 110

b. 220 ☒

Pitless Adapter

1. Make

HARWARD

2. Model

PT 200

3. Depth

42"

Tank

1. Capacity

34 GAG

2. Pressure relief

valve? ☒

Piping

1. Type

Poly.

2. Size

1 1/2"

3. NSF and/or BOCA

Code approved ☒

4. Depth of supply

line 42"

Well data

1. Depth

305 ft.

2. Yield

GPM

3. Static water

level ft.

4. Will water supply

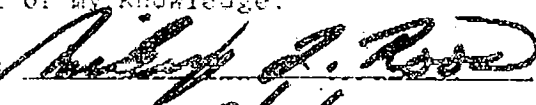
be disinfected by

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:



Date:

3/7/97

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

Notes

1. Lot shown contains 56,252 s.f. of land and recorded at plat # 11552 among the Land Records of Howard County, Maryland.
2. Prepared by Gutschick, Little and Weber, P.A.
3. Grading around house may vary due to field conditions.
4. No construction stockpiling refuse or excess material shall be buried in septic easement.
5. Wells shown per SP-93-15.
6. Install sediment controls as required by Site Inspector.
7. Disturbed area shown is s.f.
8. Pile excavated material on high side of trench when installing septic field prior to disposal of excess material.
9. Length of trench for septic system to be determined and specified by Howard County Department of Health.

SEPTIC SYSTEM DATA:

BASEMENT FLOOR AREA = 597.00
 INV. OUT OF HOUSE = 599.35 **HUNG SEWER**
 INV. IN AT SEPTIC TANK = 598.75
 INV. OUT AT SEPTIC TANK = 598.50
 EX. ELEV. AT SEPTIC TANK = 600.9
 PROP. ELEV. AT SEPTIC TANK = 601.7
 INV. IN AT DIST. BOX = 597.50
 EX. ELEV. AT DIST. BOX = 600.6 ±

LOT 28

GWYNDYL OAK ESTATES

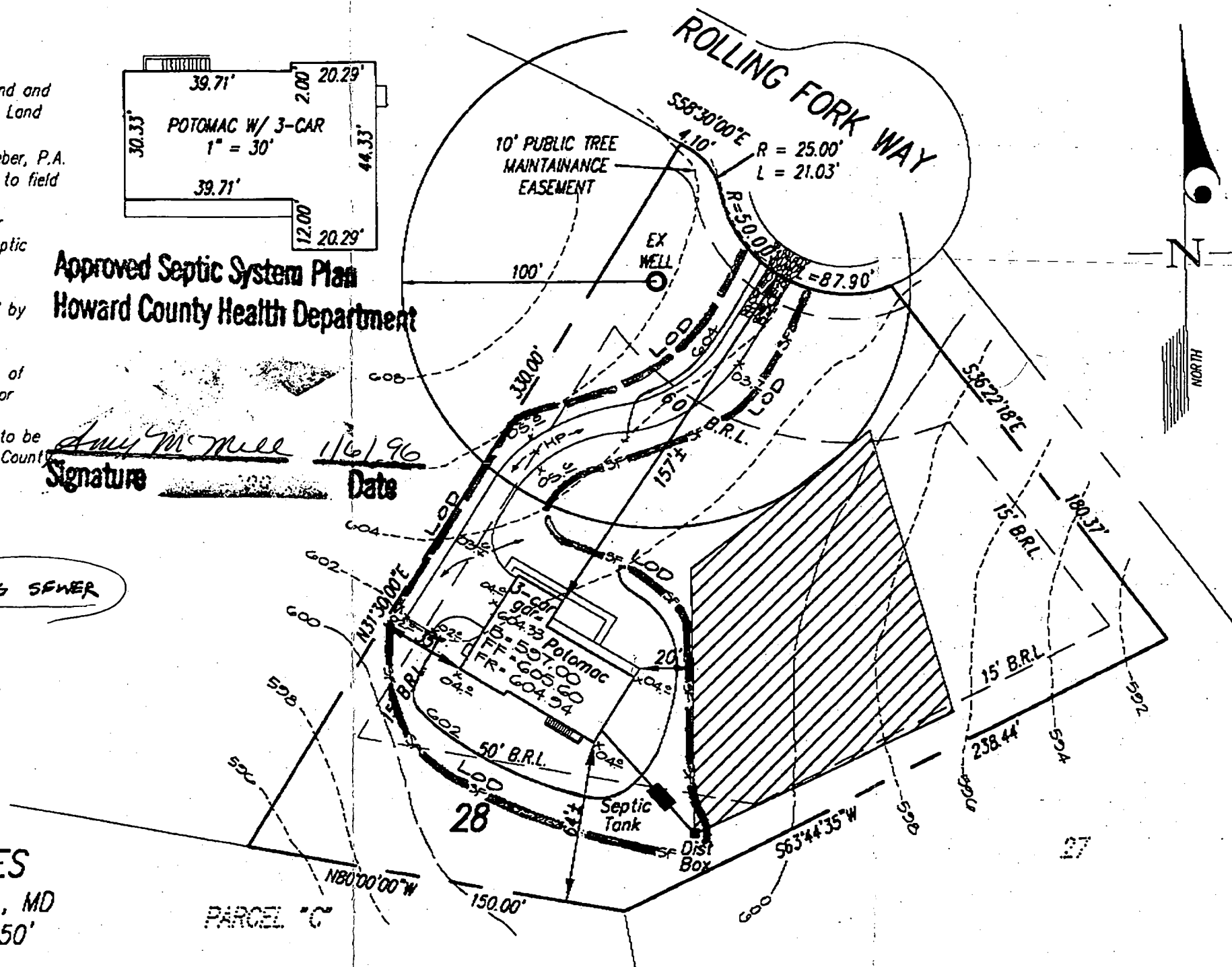
4th ELEC. DIST. HOWARD CO., MD

Revised Dec. 4, 1996 1"=50'

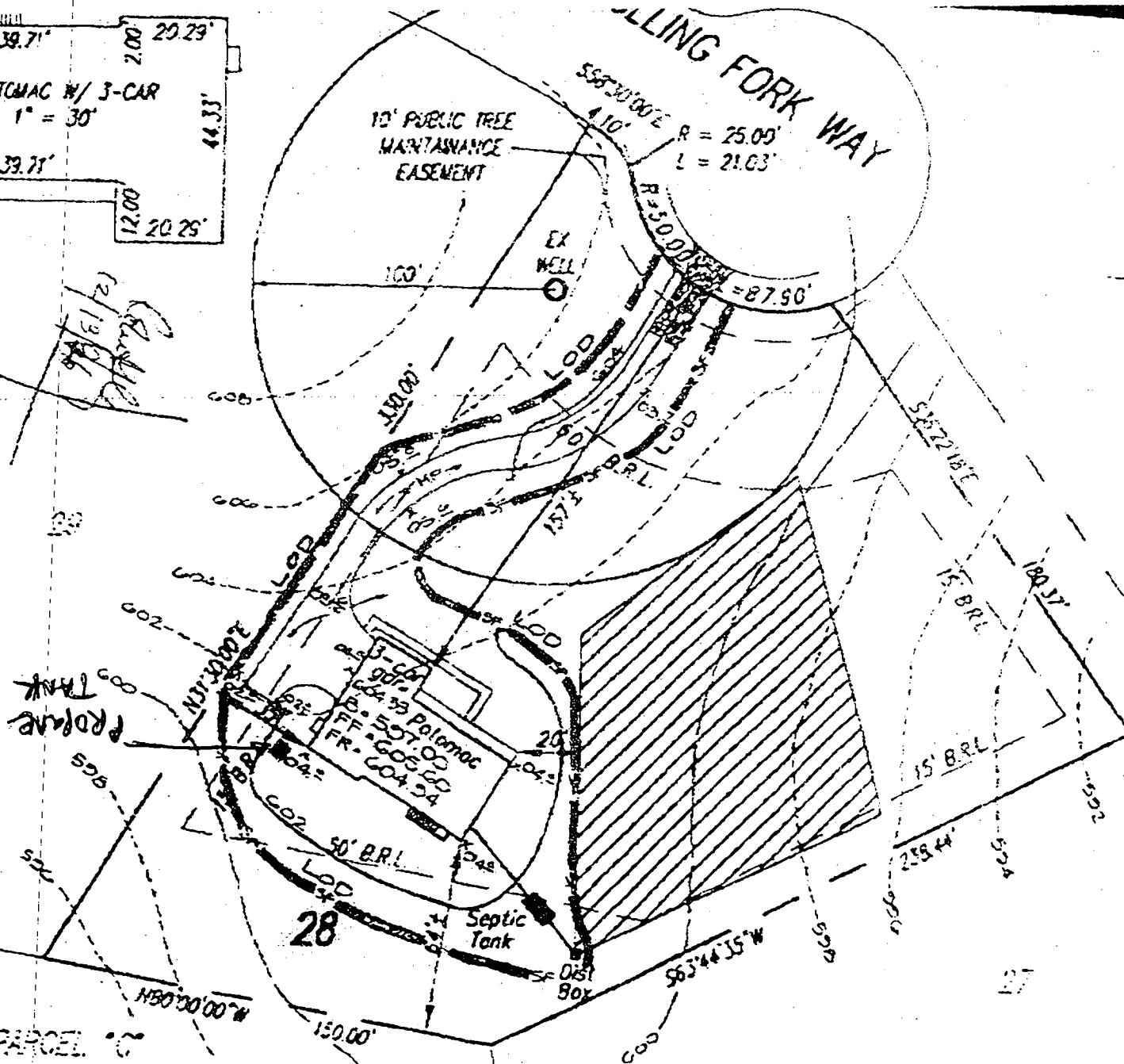
Approved Septic System Plan Howard County Health Department

Amy McNeil 1/6/96
 Signature Date

PARCEL "C"



2860



7/1/91
proposed tank location

PAGE 6

N 82° 29' 34" W 180.48'

AREA 5

Preliminary Plan
SP 93-15

AREA 6

