9/22/00 1-130pm
9/25/00 AM

PERMIT

P-514219

SEWAGE DISPOSAL SYSTEM

A 56429-BB

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

ISSUE DATE 8/30/00

APPROVAL DATE 9/22/00

INDEXED RPS# 7

Lehsac Plumbing & Heating IS PERMITTED TO INSTALL ___ ALTER X

ADDRESS 202 Azar Court, Baltimore, MD 21227 PHONE 410-242-6888

SUBDIVISION Gaither Hunt LOT NUMBER 28 ADDRESS 11020 Steeple Chase Court

PROPERTY OWNER Ryan Homes PROPERTY OWNER'S ADDRESS 11020 Steeple Chase Ct.

SEPTIC TANK CAPACITY 1250 GALLONS (existing)

PUMP CHAMBER CAPACITY N/A GALLONS

NUMBER OF BEDROOMS 4

SQUARE FEET PER BEDROOM N/A

LINEAR FEET OF TRENCH REQUIRED N/A

TRENCHES: Trenches to be feet wide. Inlet feet below original grade. Bottom maximum depth feet below original grade. feet of stone below distribution box.

LOCATION:

REPAIR: Move existing septic tank to a point where the propsed deck will be 10 feet from the septic tank.

PLANS APPROVED Steven R. Krieg DATE 9/22/00

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

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

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

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

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

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

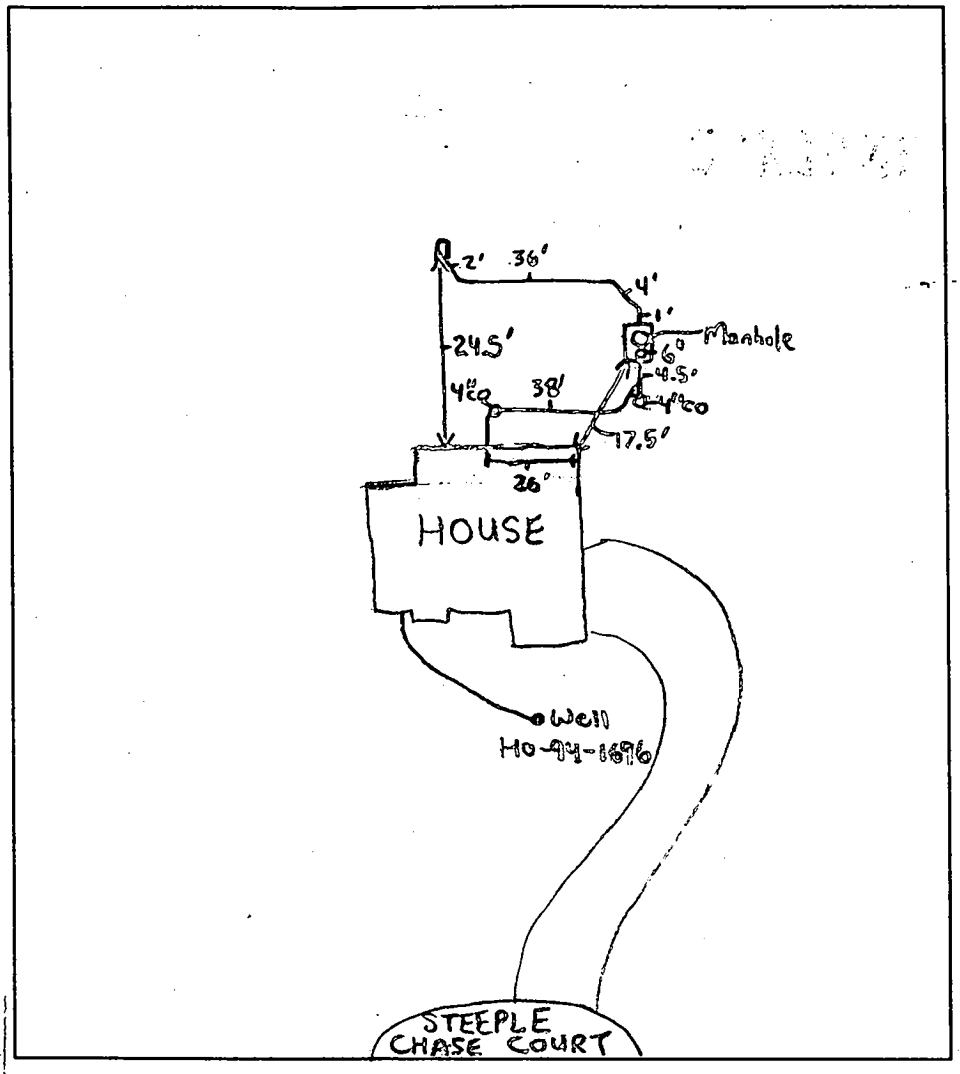
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

P514219

NOT TO SCALE



TRENCH DATA

TRENCH WIDTH N/A

TRENCH INLET DEPTH N/A

TRENCH BOTTOM DEPTH N/A

DEPTH OF STONE N/A

NUMBER OF TRENCHES N/A

TOTAL TRENCH LENGTH N/A

ABSORBENT AREA N/A

DISTRIBUTION BOX LEVEL ✓

BAFFLE IN DISTRIBUTION BOX ✓

SEPTIC TANK DATA

SEPTIC TANK 1250MS. GALLONS

MANHOLE RISER Yes

6 INCH INSPECTION PORT Yes

PUMP CHAMBER DATA

PUMP CHAMBER GALLONS N/A

MANHOLE RISER N/A

ALARM N/A

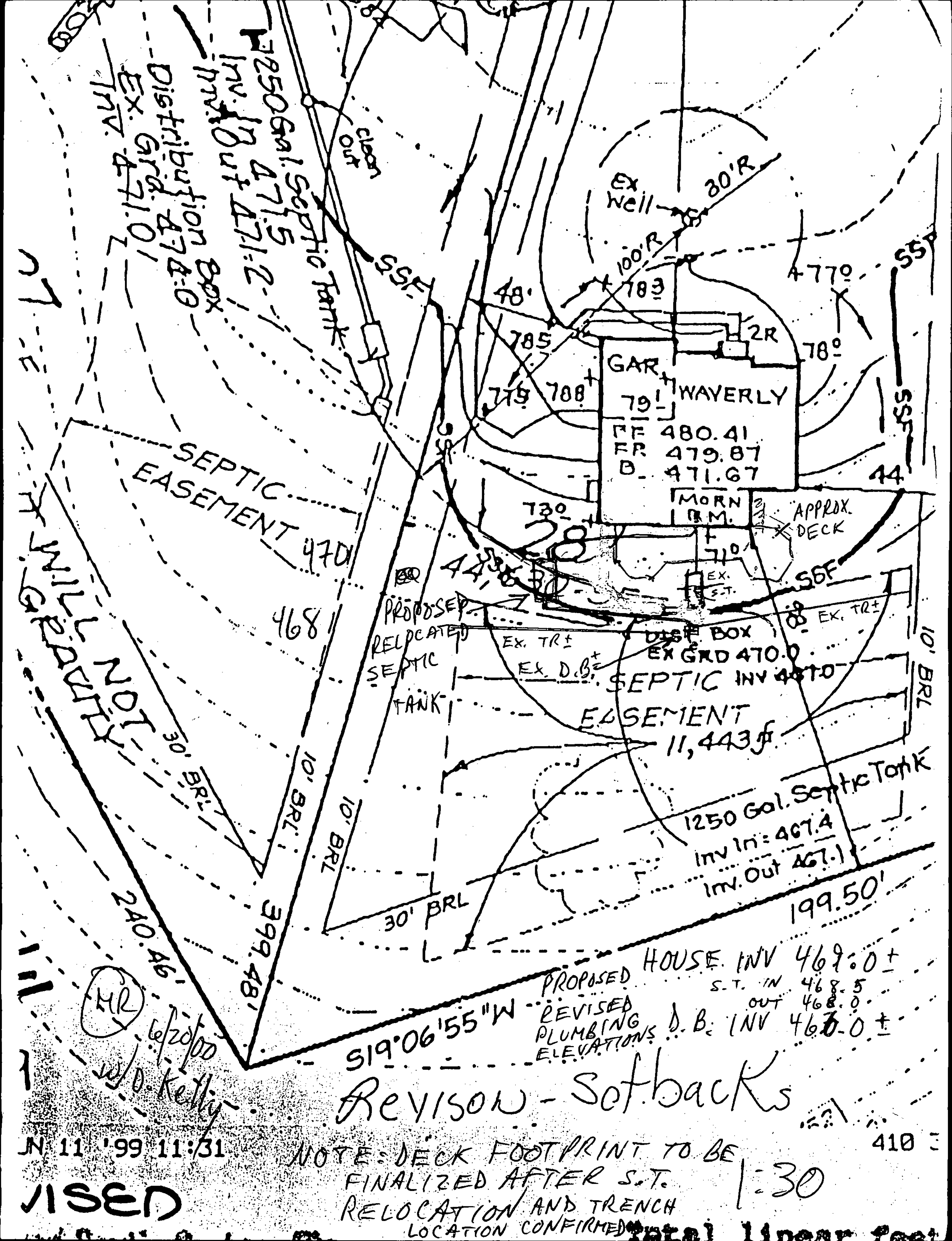
PUMP PERFORMANCE TEST N/A

PRE-CONSTRUCTION INSPECTION: _____

INSPECTION COMMENTS: 9/22/00 - OK TO CONTINUE WORK - SRW

9/22/00 - OK TO COVER ALL WORK, BRING MANHOLE FLUSH OR SLIGHTLY BELOW GRADE - SRW

INSPECTOR Steven R. Krieg DATE SYSTEM APPROVED 9/22/00


1250 Gal. Septic Tank
Inv. In 471.5
Inv. Out 471.2
Distribution Box
Ex. Grd. 474.0
Inv. 471.0
Clean Out
SSF
Ex Well
30'R
100'R
48'
783
785
779
788
2R
477º
78º
GAR.
WAVERLY
79
FF 480.41
FR 479.87
B. 471.67
MORN RM.
APPROX. DECK
730
71º
EX. S.T.
44
SEPTIC EASEMENT
470
468
IT WILL NOT GRAVITY
PROPOSED RELOCATED SEPTIC TANK
Ex. TR±
Ex. D.B.±
DIST. BOX
EX GRD 470.0
INV 470
SEPTIC EASEMENT
11,443 sf
1250 Gal. Septic Tank
Inv In: 467.4
Inv. Out 467.1
199.50'
30' BRL
10' BRL
240.46
399.48'
S19°06'55"W
HOUSE INV 469.0±
S.T. IN 468.5
OUT 468.0
D.B. INV 467.0±
PROPOSED REVISED PLUMBING ELEVATIONS
MR
6/20/00
W.D. Kelly
Revison - Setbacks
JN 11 '99 11:31
410
NOTE: DECK FOOTPRINT TO BE FINALIZED AFTER S.T. RELOCATION AND TRENCH LOCATION CONFIRMED
1:30
VISED
total linear feet

Ed Campus
443286
7158
septic to deck

8/31/99 1PM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512676

A 56429-BB

DISTRICT

DATE 8/23/99

DATE SYSTEM APPROVED 8/31/99

INSPECTOR S.R.K.

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

INDEXED

Lehsac Plumbing & Heating IS PERMITTED TO INSTALL X ALTER

ADDRESS 202 Azar Court, Baltimore, MD 21227 PHONE 410-242-6888

SUBDIVISION Gaither Hunt LOT 28 ROAD 11020 Steeple Chase Court

PROPERTY OWNER Ryan Homes

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS ***MANHOLE CLEANOUT REQUIRED***

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 5.6 feet below original grade. Effective area begins at 5.6 feet below original grade. 2 feet of stone below distribution pipe. 5.6

LOCATION - Place the distribution box 240 feet down the right (399') lot line and 80 feet off that same lot line. Run trenches along 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. 8/17/99 OK AL

PLANS APROVED BY Glen Savage/Amy McMillen mk/cw DATE 10/26/98

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

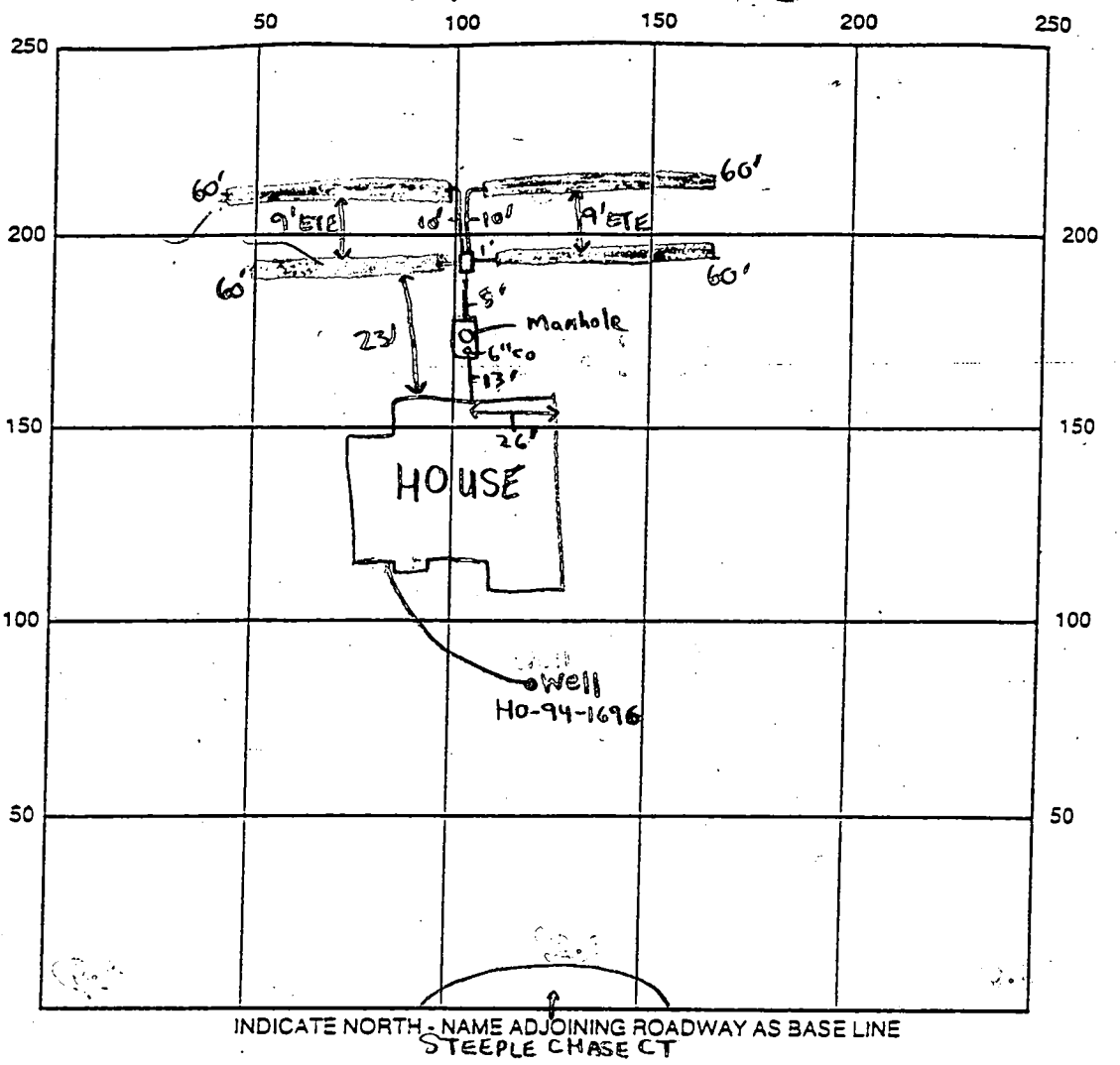
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

HD-260(5-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A-27-98

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
STEEPLE CHASE CT

SEPTIC TANK LEVEL 1250 gallon mid seam CLEANOUTS 6" @ Tank, Manhole @ Tank

DISTRIBUTION BOX LEVEL ✓ Baffle is in

DRAIN FIELD/~~TITLE~~ TILE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~/BOTTOM AREA 720 SQ. FT.

~~DRYWALL~~ DRYWELL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 8/31/99 - OK TO COVER ALL WORK - SRM

DATE SYSTEM APPROVED 8/31/99 INSPECTOR Steven R. Krieg

APPLICATION

PERCOLATION TESTING

A 56429

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4/4/96

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 ~~J. Thomas Scrivener~~ Ryan Homes

ADDRESS c/o Land Design & Development PHONE 410 740 5176

AGENT OR PROSPECTIVE BUYER Donald R. Reuwer Jr

ADDRESS 10805 Hickory Ridge Rd 21044 PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 28

ROAD AND DESCRIPTION 11020 Steeple Chase Court

~~AND RETURNED~~ 4-26-98
Serial # B00 1144 16

TAX MAP 29 PARCEL # 21

SIZE OF LOT 1+ Acres TYPE BLDG. SFD - 4 Bdrm
(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. Donald R Reuwer Jr
(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 _____

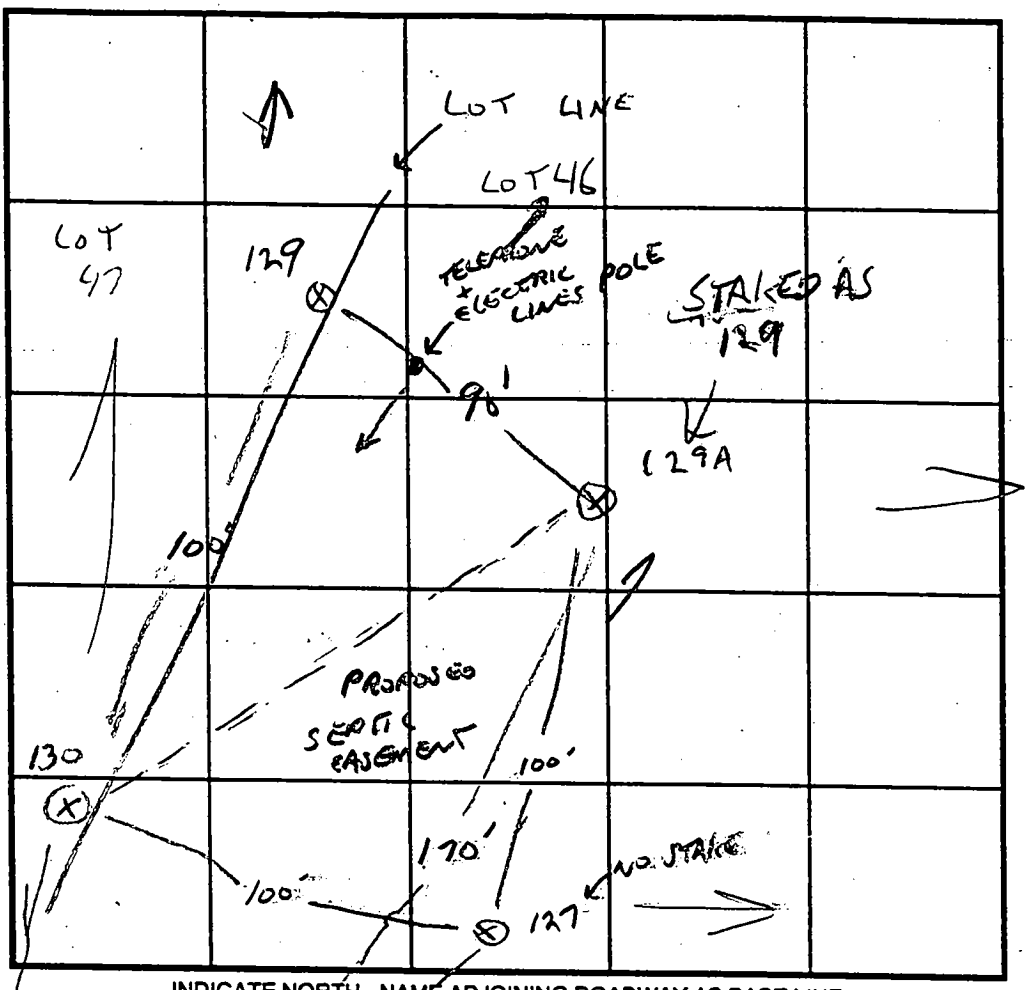
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

HD-216 (3/92)

56429
COUNTY #

SOIL PROFILE
0'



SOIL PROFILE
129A
0'
TOPSOIL
1'
DARK RED ORANGE SANDY CLAY LOAM
4'
BROWN STATION MICA LOAM
10'6"
53
3
9

N

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
4-4-96	129	4'6" / 10	SEE	LOT 47	FOR DE	TAIL	2 MIN
	130	4'6" / 10	"	"	"	"	4 MIN
	129A	5'6" / 5'6"	1:55	1:58	1:58	2:04	6 MIN
	128	4'6" / 10'6"	1:49	1:50	1:50	1:52	2 MIN
4-11-96	127	4 / 11	2:51	2:52	2:52	2:55	3 MIN

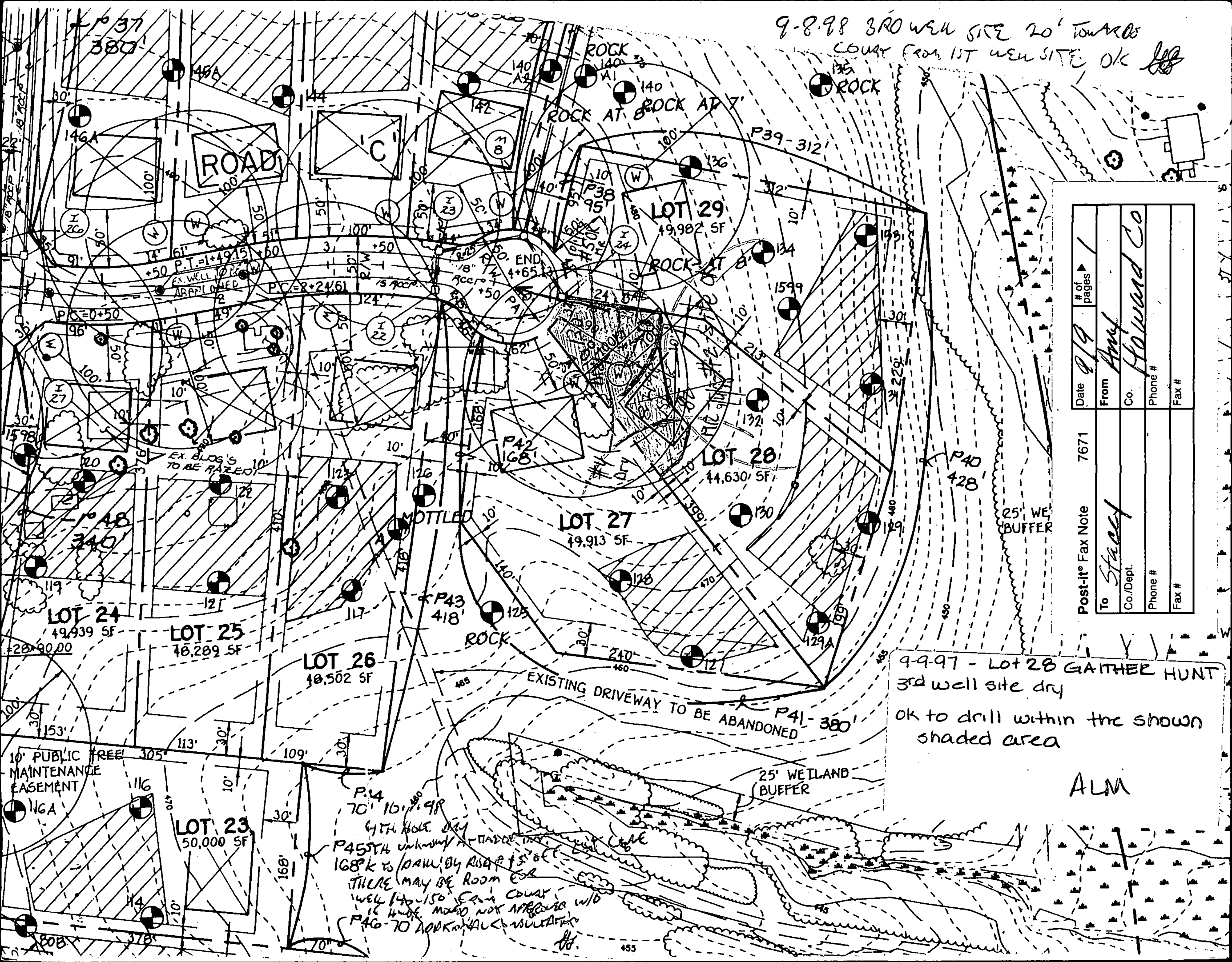
REMARKS LOT ~~46~~ 28

TYPE OF SOIL

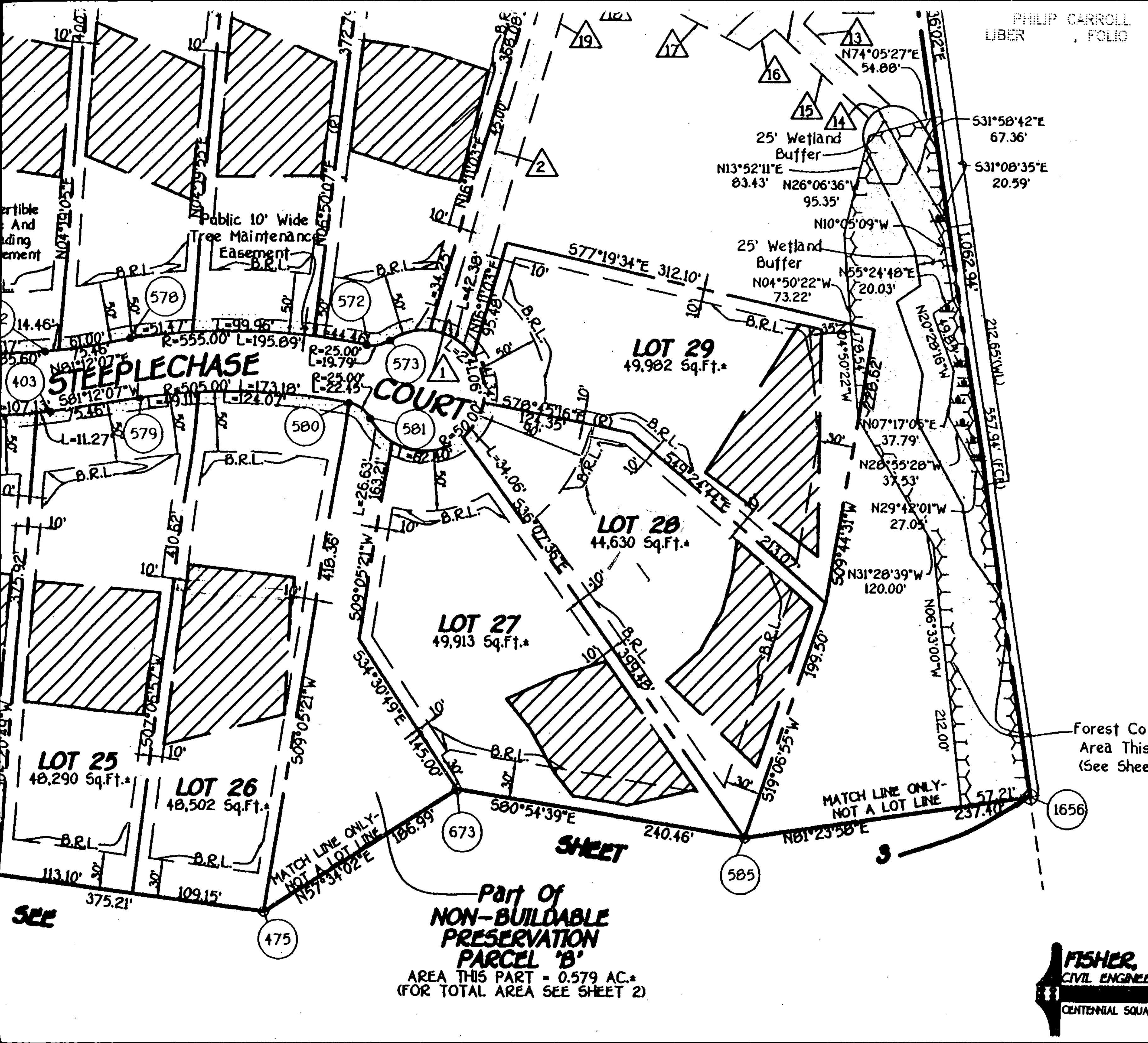
TESTED BY G. SAVAGE ALSO PRESENT MIKE + MIKE

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 MIN TRENCH WIDTH 3

INLET DEPTH 3'6" MAXIMUM BOTTOM DEPTH 5'6" SQ. FT/BEDROOM 180


9-8-98 3RD WELL SITE 20' TOWARDS COURT FROM 1ST WELL SITE OK
ROAD
C
LOT 29
49,982 SF
LOT 28
44,630 SF
LOT 27
49,913 SF
LOT 24
49,939 SF
LOT 25
48,289 SF
LOT 26
48,502 SF
LOT 23
50,000 SF
ROCK AT 8'
ROCK AT 7'
ROCK
MOTTLED
P39 - 312'
P38 95
P40 428'
P41 - 380'
P42 168'
P43 418'
P48 340
P37 380'
END 4+65.13
P.T.=1+49.15
P.C.=2+24.61
P.C.=0+50
EX. WELL TO BE ABANDONED
EX. BLDG'S TO BE RAZED
EXISTING DRIVEWAY TO BE ABANDONED
25' WETLAND BUFFER
10' PUBLIC TREE MAINTENANCE EASEMENT
P.14 70' 10/1/98 4TH HOLE DRY
P45 5TH unknown at 168'
P46-70
Post-it® Fax Note 7671
Date 9/9
# of pages ▶ 1
To Stacey
From Amy
Co./Dept.
Co. Howard Co
Phone #
Fax #
9-9-97 - Lot 28 GAITHER HUNT
3rd well site dry
ok to drill within the shown shaded area
ALM

PHILIP CARROLL
LIBER , FOLIO


STEEPLECHASE COURT
LOT 25
48,290 Sq.Ft.±
LOT 26
48,502 Sq.Ft.±
LOT 27
49,913 Sq.Ft.±
LOT 28
44,630 Sq.Ft.±
LOT 29
49,982 Sq.Ft.±
Public 10' Wide
Tree Maintenance
Easement
25' Wetland
Buffer
25' Wetland
Buffer
S77°19'34"E 312.10'
N13°52'11"E
83.43'
N26°06'36"W
95.35'
N10°05'09"W
N74°05'27"E
54.88'
S31°58'42"E
67.36'
S31°08'35"E
20.59'
N55°24'48"E
20.03'
N04°50'22"W
73.22'
N07°17'05"E
37.79'
N28°55'28"W
37.53'
N29°42'01"W
27.05'
N31°28'39"W
120.00'
S80°54'39"E
240.46'
N81°23'58"E
237.40'
57.21'
MATCH LINE ONLY-
NOT A LOT LINE
MATCH LINE ONLY-
NOT A LOT LINE
N57°34'02"E
186.99'
375.21'
113.10'
109.15'
SHEET 3
SEE
Forest Conservation Easement
Area This Sheet = 0.891 Ac.±
(See Sheet 3 For Total Area)
Part Of
NON-BUILDABLE
PRESERVATION
PARCEL 'B'
AREA THIS PART = 0.579 AC.±
(FOR TOTAL AREA SEE SHEET 2)
N 175,336
(Meter

And Access Easement

SYMBOL	BEARING & DI
1	R=50.00'
2	N16°11'03"E
3	N44°37'27"E
4	N20°00'03"W
5	N85°40'05"W
6	N04°19'55"E
7	S85°40'05"E
8	N06°46'15"E
9	S85°40'05"E
10	S68°24'13"E
11	S10°17'44"E
12	S37°56'50"W
13	S46°44'24"E
14	R=25.00'
15	N46°44'24"W
16	S50°40'07"W
17	N62°30'08"W
18	S44°37'27"W
19	S16°11'03"W

FISHER, COLLINS & CARTE
CIVIL ENGINEERING CONSULTANTS & LAND
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE
ELLICOTT CITY, MARYLAND 21042

6030.

Ck the 6017.
Ck the 24465
8-3-99 # 25.00
issued 6/2/99

BUILDING PERMIT SERVICES INC.

2602 Parallel Path • Abingdon, Maryland 21009

(410) 515-1717 • FAX (410) 515-2213

The Roots for Development

August 3 1999

Howard County
Inspections & Permits
3430 Court House Dr.
Ellicott City, MD. 21043

Attn: Avis Corbin

Re: Amendment
Permit# B00114416
11020 Steeple Chase Ct. Lot# 28

Dear Avis,

Please amend the above building permit to reflect a change in setbacks. The location of a new well required the house to be moved.

Thank you,

Patricia A. Orla
Agent for Ryan Homes

cc: ~~JR Leonard~~
File

8/4/99
RASHP
cc: Health Dept
DPZ

8/12/99 Revised house location should not impact existing well or septic system OK to proceed (DKS)
~~Health~~ Dept.

JUN 11 '99 11:31 410 381 7500 PAGE.01

* REVISED

Approved Septic System Plan

Howard County Health Department

Total linear feet of trench required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 6 feet

Depth of stone required below distribution pipe 2 feet

8/12/99

Total linear feet of trench required 240 feet

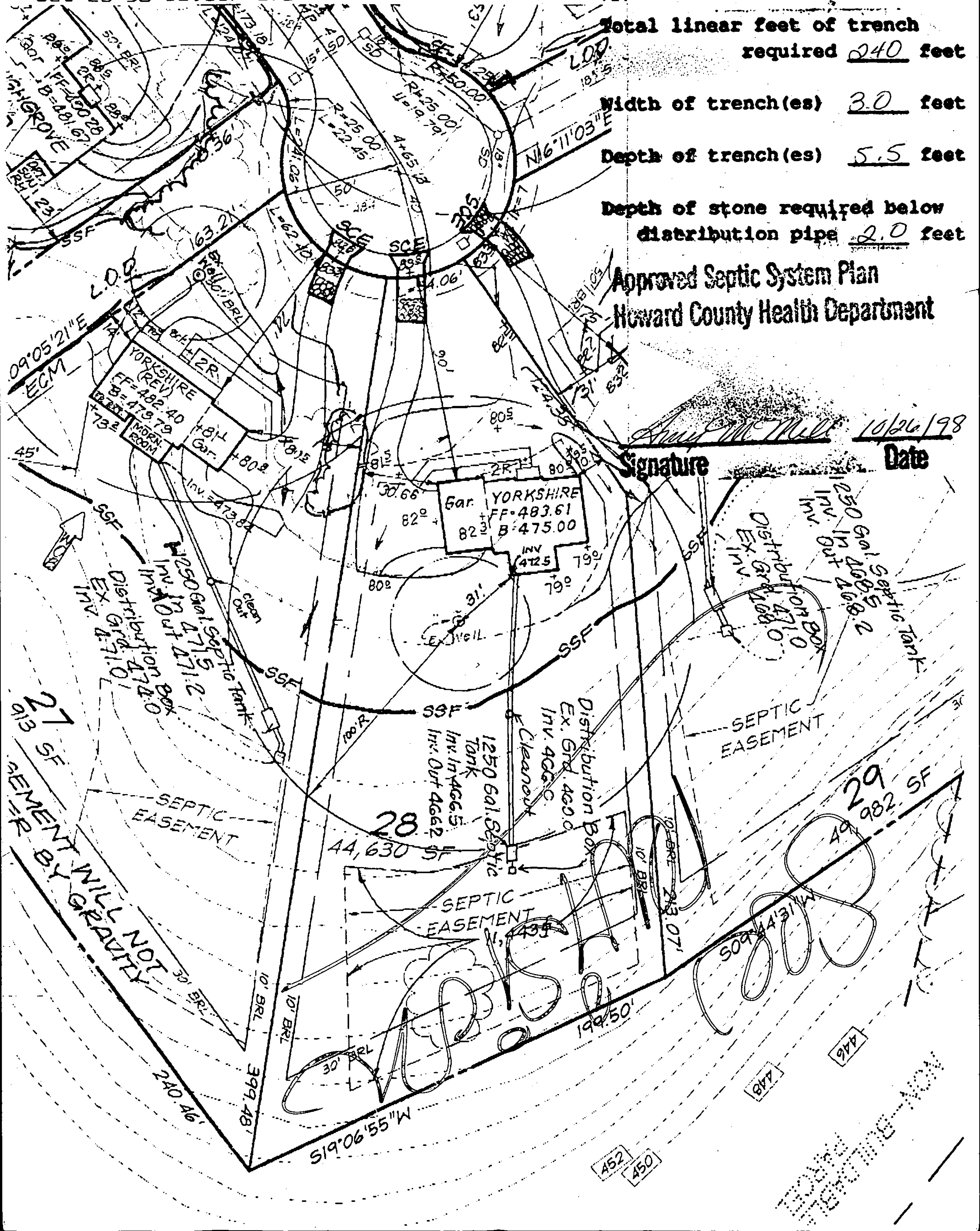
Width of trench(es) 3.0 feet

Depth of trench(es) 5.5 feet

Depth of stone required below distribution pipe 2.0 feet

Approved Septic System Plan
Howard County Health Department

Signature 10/26/98 Date


YORKSHIRE
FF=483.61
B=475.00
Gar.
YORKSHIRE (REV)
FF=482.40
B=473.79
SCE
SCE
SSF
SEPTIC EASEMENT
SEPTIC EASEMENT
SEPTIC EASEMENT
SEPTIC EASEMENT
28
44,630 SF
29
49,982 SF
27
1250 Gal. Septic Tank
Inv. In 466.5
Inv. Out 466.2
Distribution Box
Ex. Grd. 460.0
Inv. 466.0
Cleanout
1250 Gal. Septic Tank
Inv. In 468.5
Inv. Out 468.2
Distribution Box
Ex. Grd. 470.0
Inv. 468.0
1250 Gal. Septic Tank
Inv. In 471.5
Inv. Out 471.2
Distribution Box
Ex. Grd. 472.0
Inv. 471.0
S19°06'55"W
S09°44'31"W
N16°11'03"E
399.48
240.46
199.50'
10' BRL
30' BRL
EX. WELL
452
450
448
446

C 1 | 4192 — SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER: A 56429B3

ST/CO USE ONLY
DATE Received: MM 10 DD 15 YY 98

DATE WELL COMPLETED: MM 10 DD 19 YY 98

Depth of Well: 450 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": Ho-94-1696

OWNER: RUSSELL DEV. (last name)
STREET OR RFD: STEEPLECHASE CT (first name) TOWN: WHITE OAK
SUBDIVISION: GATHER'S LINT SECTION: 1 LOT: 28

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	check if water bearing
Brown SAnd STone	0	25	
HARD GRAY GRANITE	25	245	
Light Green GRANITE	245	250	
DARK Green GRANITE	393	395	
GRAY GRANITE	395	450	
		245 ✓	
Dry hole #1 452' Deep			
#2 500' Deep			
#3 300' Deep			
#4 300' Deep			
#5 300' Deep			
Dry holes ABANDONED & SEALED WITH CEMENT & ROCK CUTTINGS			

NUMBER OF UNSUCCESSFUL WELLS: 5

WELL HYDROFRACTURED: (yes) Y / no N

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MD 355
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
LIC. NO. JWD 341
Max S. Jones

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): (yes) Y / no N
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT CM — BENTONITE CLAY BC
NO. OF BAGS 7 — NO. OF POUNDS 350
GALLONS OF WATER 42
DEPTH OF GROUT SEAL (to nearest foot) 89
from TOP 0 ft. to BOTTOM 89 ft. (enter 0 if from surface)

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

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	06	29

OTHER CASING (if used)

	diameter inch	depth (feet) from	to
EACH CASING			

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

		DEPTH (nearest ft.)	
EACH SCREEN 1	#0	29	450
2			
3			

SLOT SIZE 1 ____ 2 ____ 3 ____
DIAMETER OF SCREEN ____ (NEAREST INCH)

	from	to
GRAVEL PACK		

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

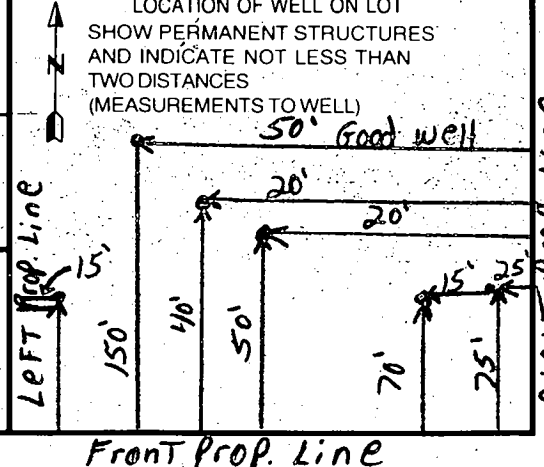
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T ____ -(E.R.O.S.) ____ W Q ____
70 ____ 72 ____ 74 75 76
TELESCOPE CASING — LOG INDICATOR — OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour): 6
PUMPING RATE (gal. per min.): 1.5GPM
METHOD USED TO MEASURE PUMPING RATE: WATCH & BUCKET
WATER LEVEL (distance from land surface)
BEFORE PUMPING: 29 ft.
WHEN PUMPING: 239 ft.

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 INSTALLED PUMP (CIRCLE) (YES or NO): YES / (NO)
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29
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
2 (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



DENV-CR97 — ② COUNTY

Page 1 of 2
Date 10-9-98

Review 10/16/98 DR AA

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-1696
Location of property (road) STEEPLECHASE CT.
Subdivision GARTH KNOLL Lot 28 Block ____ Plat ____ Sec. ____
Well Driller ALPINE WELL Owner RUSSELL ET/

Depth of well 450 Ft
Distance of measuring point (M.P.) above ground 1 Ft
Static water level (S.W.L.) below M.P. 29'

I. High rate pumping -- reservoir drawdown

Time pump started 11:15 A.m. Pumping rate 15
Total time 1 hour to reach pumping water level 239' ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
11:15	29'	4 sec		15
11:30	105'	5 sec		12
11:45	201'	9 sec		6.6
12:00	237'	30 sec		2
12:15	239'	41 sec		1.5
12:30	239'	41 sec		1.5
12:45	239'	41 sec		1.5
1:00	239'	41 sec		1.5
1:15	239'	41 sec		1.5
1:30	239'	41 sec		1.5
1:45	239'	41 sec		1.5
2:00	239'	41 sec		1.5
2:15	239'	41 sec		1.5
2:30	239'	41 sec		1.5
2:45	239'	41 sec		1.5
3:00	239'	41 sec		1.5
3:15	239'	41 sec		1.5
3:30	239'	41 sec		1.5
3:45	239'	41 sec		1.5
4:00	239'	41 sec		1.5
4:15	239'	41 sec		1.5
4:30	239'	41 sec		1.5
4:45	239'	41 sec		1.5
5:00	239'	41 sec		1.5

HD-224

Date 10-9-98

Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-1696
Location of property (road) STEEPLE CHASE COURT
Subdivision Gaither Hunt Lot 28 Block ____ Plat ____ Sec. ____
Well Driller MICHAEL BARLOW Owner RUSSELL DEV.

Depth of well 450 Ft.
Distance of measuring point (M.P.) above ground 1Ft
Static water level (S.W.L.) below M.P. 29'

I. High rate pumping -- reservoir drawdown

Time pump started 11:15 A.M. Pumping rate 15
Total time 1 hour to reach pumping water level 239' ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
5:15	239'	41 sec		1.5
5:30	239'	41 sec		1.5
5:45	239'	41 sec		1.5
6:00	239'	41 sec		1.5
6:15	239'	41 sec		1.5

EMERGENCY/TEMP NO. IF ANY

B 1 8010 (1 2 3 6) SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER: Ho -94 -1696 (70 79) fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Russell Development
15 Last Name Owner First Name 34

8808 Centre Park Drive Suite 108
36 Street or RFD 55

Columbia Md 21045
57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Michael Barlow MWD 355
Driller's Name 76 License No. 81

Michael Barlow Well Drilling
Firm Name

912 Fawn Court Joppa, Md 21085
Address

Signature 8/12/98 Date

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 (8 12)

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 (14 20)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

(D) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
[F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION
22 [I] INDUSTRIAL, COMMERICIAL, DEWATERING
[P] PUBLIC WATER SUPPLY WELL
[T] TEST, OBSERVATION, MONITORING
[G] GEO-THERMAL

APPROXIMATE DEPTH OF WELL 200 FEET (24 28)

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTary (AIR-PERcussion) ROTARY (Hydraulic Rotary)
37 CABLE REVerse-ROTary DRive-POINT
other

REPLACEMENT OR DEEPENED WELLS
(CIRCLE APPROPRIATE BOX)

(N) THIS WELL WILL NOT REPLACE AN EXISTING WELL
[Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
39 [S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
[D] THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 __ __ - __ __ - __ __ __ __ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER GAP (54 63)

PERMIT No. Ho -94 -1696 (70 71 72 73 74 75 76 77 78 79)

B 3 LOCATION OF WELL

Howard
8 COUNTY 21

Gaither Hunt
23 SUBDIVISION 42

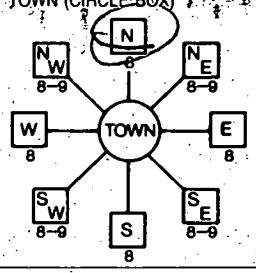
SECTION (44 46) LOT 28 (48 50)

Wilde lake
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) .4 M I (73 76 77 78)

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



STEEPLECHASE Ct.
Road C
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 70 37 DISTANCE FROM ROAD

ENTER FT OR MI 6 (38 39)

TAX MAP: 29 BLK: ____ PARCEL 21

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

HOWARD A 5642903
COUNTY NAME COUNTY NO.

STATE SIGNATURE ____ INSERT S → 41

DATE ISSUED 8 14 98 (43 MM DD YY 48) CO SIGNATURE 8/14/98 EXP. DATE

NORTH GRID 520 000 (50 55) EAST GRID 830 000 (57 63)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X →

10/9/98 GROUT
NO INSP

SOURCES OF DRILLING WATER
1.
2.
3.

X

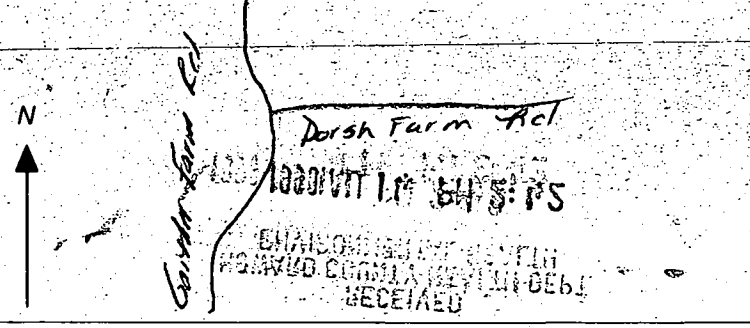
WRITE THE BOX NUMBER FROM THE MAP HERE

E 830

N 520

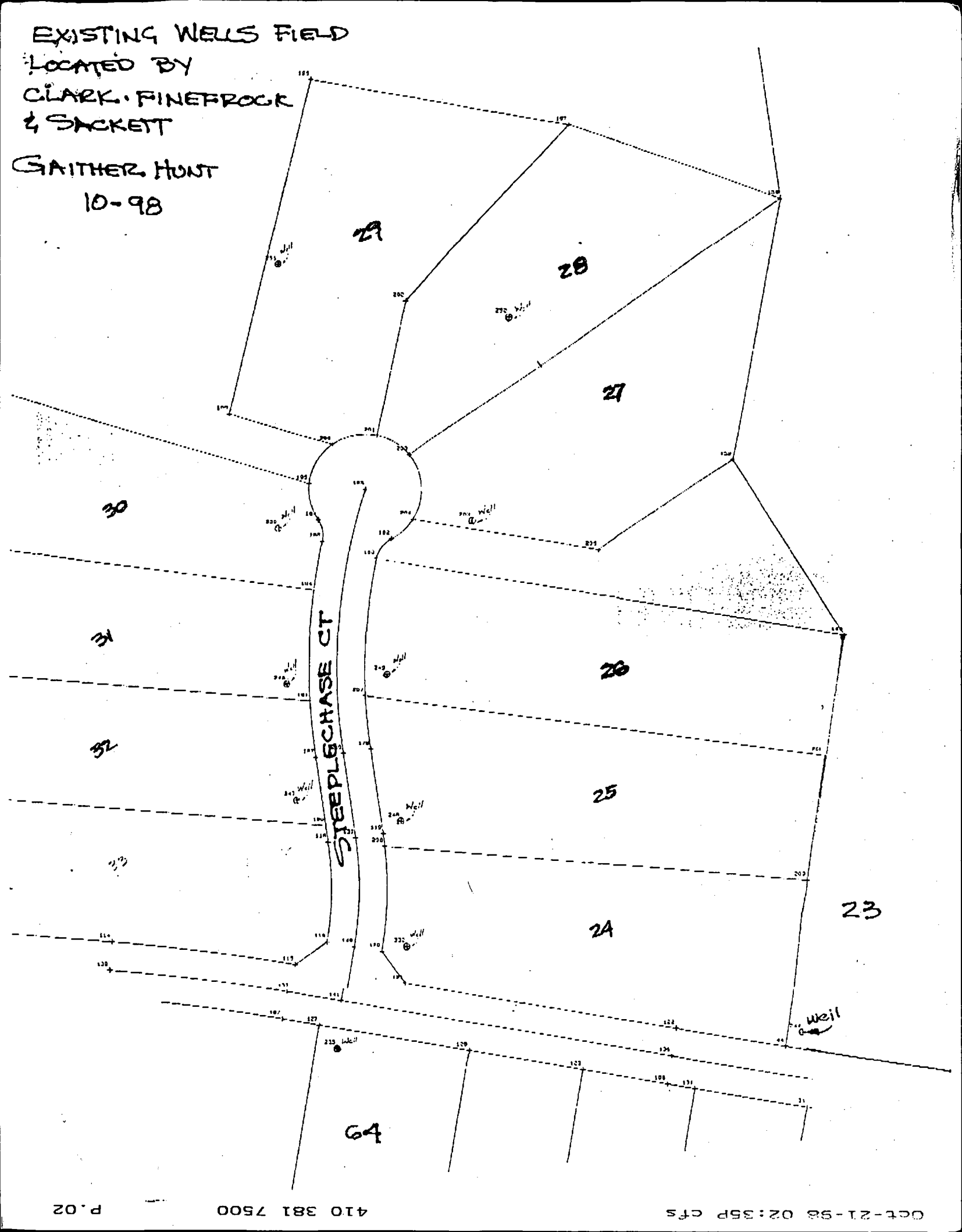
000
000

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



SPECIAL CONDITIONS
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

DENV-Permit 97 ② COUNTY


EXISTING WELLS FIELD
LOCATED BY
CLARK · FINEFROCK
& SACKETT
GAITHER HUNT
10-98
29
28
27
30
31
32
26
25
24
23
64
STEEPLECHASE CT
Well

HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

10-20-98

NOT FAXED
TALKED W/ PAT
ORLA 10-20-98
AM

TO: Pat Orla
Building Permit Services

FROM: Amy McMillen

RE: B00144416 - Gartner Hunt Lot 28

10-23-98
Actual well location field located - it is less than 100' to proposed house and less than 100' to septic tank AM

The above referenced building permit cannot be approved at this time. Based upon measurements provided by the well driller, it appears that the existing well is less than 30 feet from the proposed house and less than 100 feet from the proposed septic tank. Please provide the following information/revisions to resolve these issues:

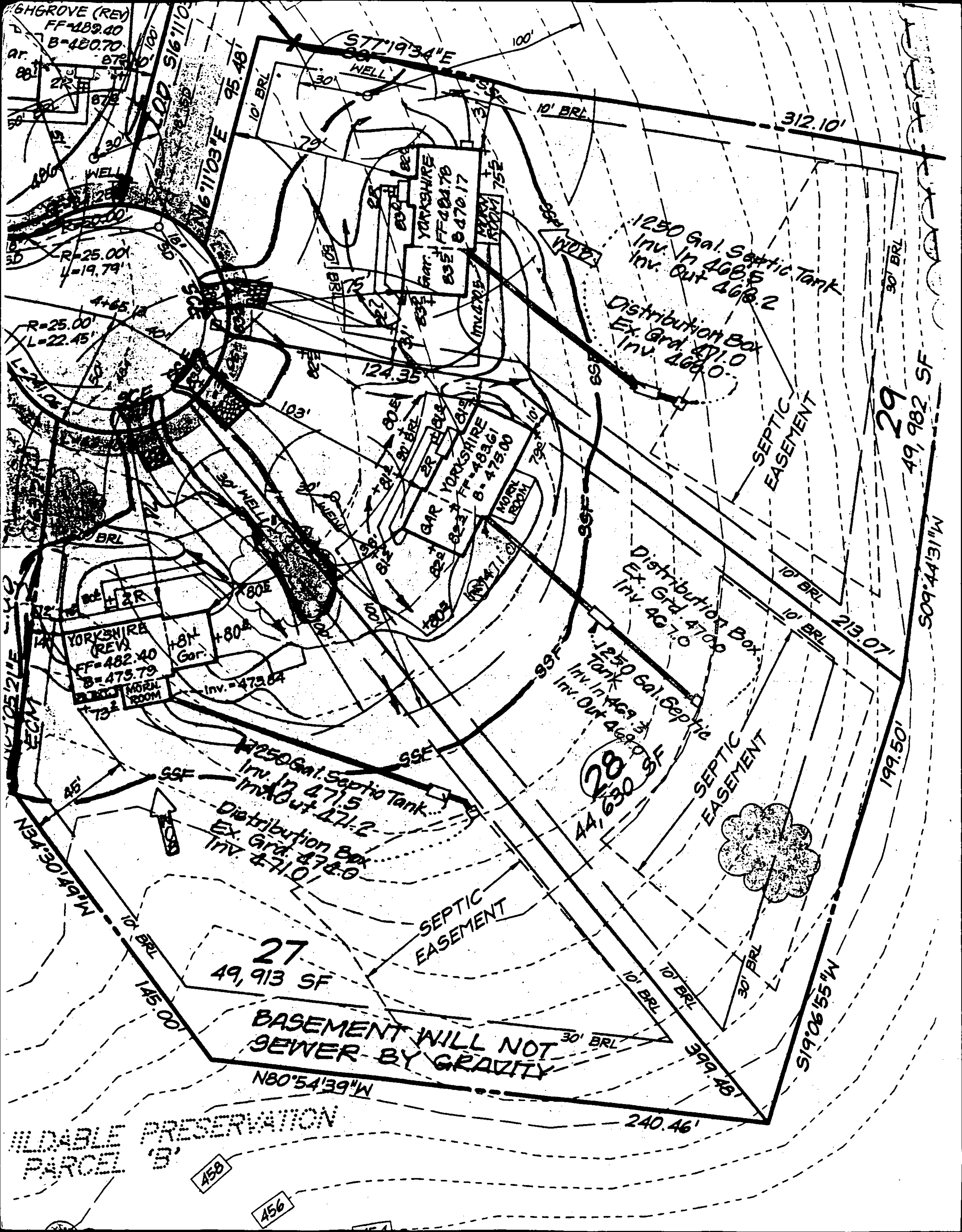
- Field located (by a surveyor) actual well location
- Revised building permit plan w/ house & septic maintaining all required ~~set~~ minimum setbacks.

Thank you.

Number of pages (including cover sheet): 1

Amy McMillen

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323


GHGROVE (REV)
FF=489.40
B=480.70
S77°19'34"E
WELL
10' BRL
312.10'
S16°11'03"E
95.48'
N16°11'03"E
R=25.00'
L=19.79'
R=25.00'
L=22.45'
4+65.18
SCE
124.35'
103'
YORKSHIRE
FF=484.78
B=470.17
GAR.
MORN ROOM
WOB
1250 Gal. Septic Tank
Inv. In 468.5
Inv. Out 468.2
Distribution Box
Ex. Grd. 471.0
Inv. 469.0
SEPTIC EASEMENT
30' BRL
29
49,982 SF
S09°44'31"W
213.07'
YORKSHIRE
FF=483.61
B=473.00
2R
GAR
MORN ROOM
Distribution Box
Ex. Grd. 470.0
Inv. 467.0
1250 Gal. Septic Tank
Inv. In 469.3
Inv. Out 469.0
28
44,630 SF
SSF
YORKSHIRE (REV)
FF=482.40
B=473.79
Gar.
MORN ROOM
Inv.=473.64
ECM
1250 Gal. Septic Tank
Inv. In 471.5
Inv. Out 471.2
Distribution Box
Ex. Grd. 474.0
Inv. 471.0
N34°30'49"W
45'
SEPTIC EASEMENT
27
49,913 SF
145.00'
10' BRL
199.50'
S19°06'55"W
BASEMENT WILL NOT SEWER BY GRAVITY
30' BRL
399.48'
N80°54'39"W
240.46'
PRESERVATION PARCEL 'B'
458
456

8/31/99
1 PM

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

- -

New Installation X
Replacement ____

Receipt # ____
Date ____

Name of Installer CENSAC CORP

Telephone 410-242-6888

License Number 3344
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber X

Name of Property Owner RYAN

Telephone 410-654-0501
Subdivision Gaither Hunt Lot # 28 Well Tag # HO-99-1696
Site Address 11020 Steeplechase Ct.

- -

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible X
2. Make JACUZZI
3. Model # SIJ5-17
4. Capacity 5 GPM
5. Pump exceeds well capacity Yes ____ No X
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 X Other ____

Motor
1. Horsepower 1
2. RPM ____
3. Voltage ____
   a. 110 ____
   b. 220 X

Pitless Adapter
1. Make WILKENS
2. Model # ____
3. Depth 42"

Tank
1. Capacity 86
2. Pressure relief valve? Y

Piping
1. Type POLY
2. Size 1"
3. NSF and/or BOCA Code approved Y
4. Depth of supply line 42"

Well data
1. Depth 450 ft.
2. Yield 1.5 GPM
3. Static water level 50 ft.
4. Will water supply be disinfected by installer? Y

- -

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.

8/31/99-WPI-ON (SRV)

Signature of Applicant: [signature]

Date: 8/23/99

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

HD-215