

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~NEWARK~~ 313-2640

INDEXED

P 50384

A 45624

DISTRICT 4th

DATE 11/9/94

DATE SYSTEM APPROVED 11/17/94

INSPECTOR DKS

KME Construction, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 26108 Mullinix Mill Road, Mt. Airy, Maryland 21771 PHONE 301-253-5254

SUBDIVISION Foxmoor LOT 21 ROAD 17716 Quail Covey Court

PROPERTY OWNER Michael D. & Kathleen E. Erskine

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

240

SQUARE FEET PER BEDROOM

BUILDING PERMIT SIGNED

AND RETURNED

LINEAR FEET OF TRENCH REQUIRED 400

BLDG. PERMIT SIGNED

AND RETURNED

2-23-97
Serial # B7010717
Sunduck

TRENCHES - Trench to be 3 feet wide. Inlet 1 1/2 feet below original grade. Bottom maximum depth 3 1/2 feet below original grade. Effective area begins at 1 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 195 feet from the front lot line and 205 feet from the right lot line. Run trenches along contour toward right side 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. OK 6/28/94 DKS

BUILDING PERMIT SIGNED

AND RETURNED

11-21-02 BOD 129 997- DKS + POCHA

PLANS APPROVED BY C. Williams

DATE 5/11/92

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

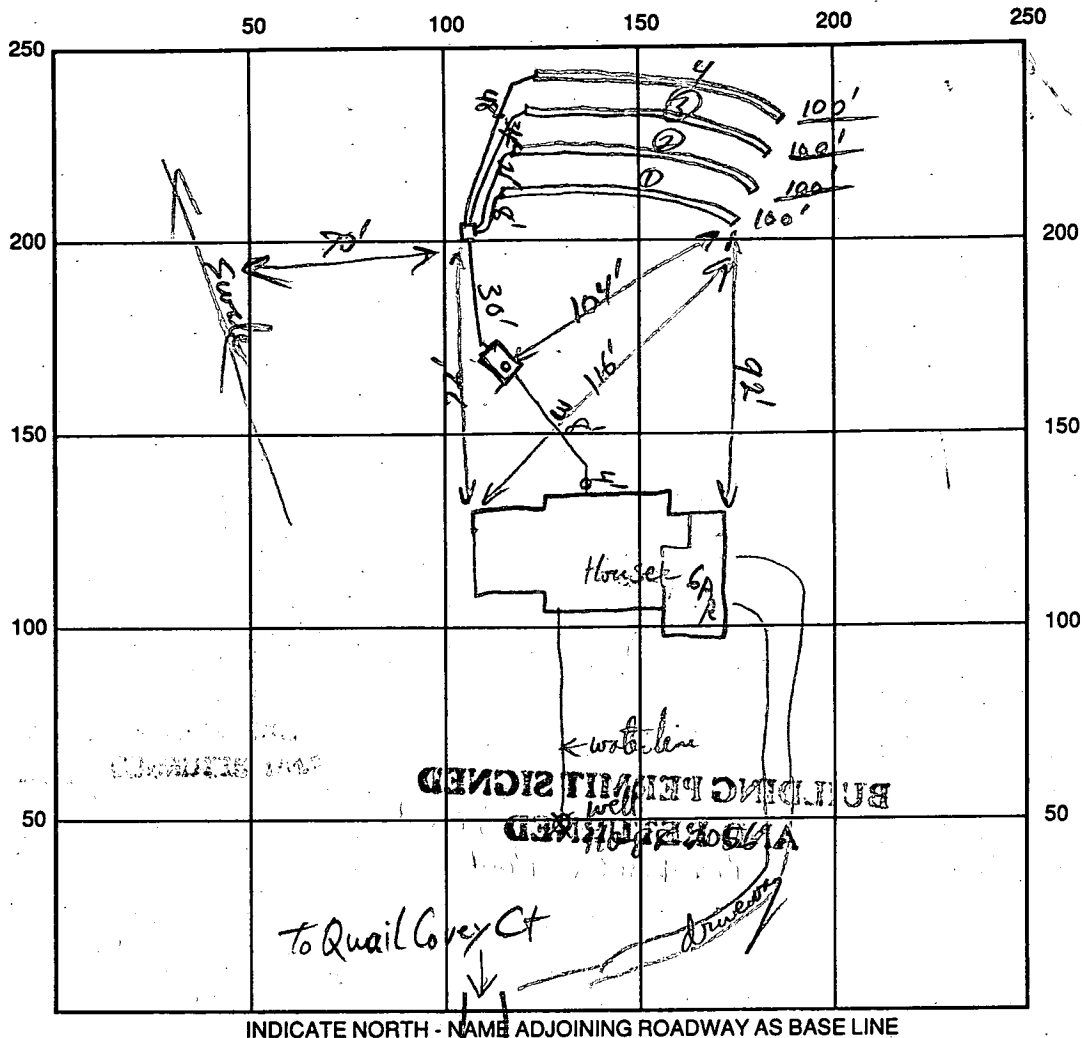
PERMIT VOID AFTER TWO YEARS

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 45624



SEPTIC TANK LEVEL 150092 CLEANOUTS one at house, one on s.t.

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 3.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 1.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 1123/4 400' total

NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~ BOTTOM AREA 1200 SQ. FT.

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

ABSORBENT AREA 1200 SQ. FT.

REMARKS: Need to level all 4 lines for Distribution Box - 1/4" to 1/2" low for system,
Trenches & Septic Tank but call for check on Dist box. 11/14/94
11/17/94 Final - OK to cover all work. DKS

11/14/94 After check + waterline OK 3 1/2" off
 DATE SYSTEM APPROVED 11/17/94 INSPECTOR SONNICK SOE

EXISTING PRIVATE SEPTIC EASEMENT
PROPOSED TRENCHES

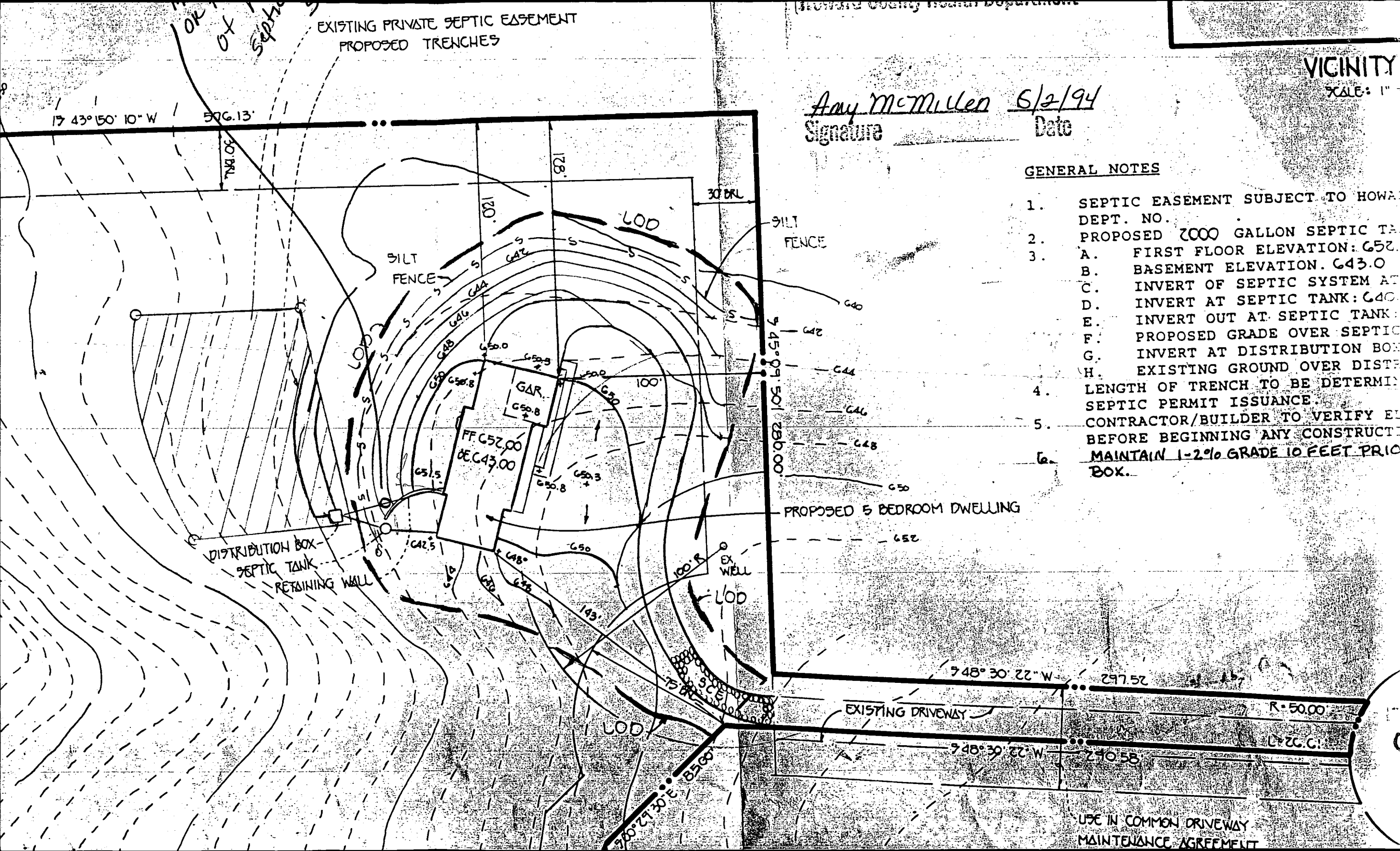
HOWARD COUNTY HEALTH DEPARTMENT

VICINITY
SCALE: 1" = 10'

Amy McMullen 6/2/94
Signature Date

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPT. NO.
2. PROPOSED 2000 GALLON SEPTIC TANK
3. A. FIRST FLOOR ELEVATION: 652.0
B. BASEMENT ELEVATION: 643.0
C. INVERT OF SEPTIC SYSTEM AT
D. INVERT AT SEPTIC TANK: 640.0
E. INVERT OUT AT SEPTIC TANK:
F. PROPOSED GRADE OVER SEPTIC
G. INVERT AT DISTRIBUTION BOX
H. EXISTING GROUND OVER DISTRIBUTION BOX
4. LENGTH OF TRENCH TO BE DETERMINED AT THE TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR/BUILDER TO VERIFY ELEVATIONS BEFORE BEGINNING ANY CONSTRUCTION.
6. MAINTAIN 1-2% GRADE 10 FEET PRIOR TO DISTRIBUTION BOX.



USE IN COMMON DRIVEWAY
MAINTENANCE AGREEMENT

5-10-90
10:00
5

5/16/90

APPLICATION

PERCOLATION TESTING

A 45624

P _____

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

DISTRICT _____

DATE 2/28/90

Preview ok. Rocky
soils in vicinity.
If lot fails, try
alternate site. See
old percs A40865/A40866.
JEN 2-28-90.

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 ORCHARD DEVELOPMENT MICHAEL D + KATHLEEN E. ERSKINE

ADDRESS 7050 Oakland Mills Road - Suite 100 PHONE (301) 290-9494

PROSPECTIVE BUYER Columbia, MD 21046

ADDRESS Attn: Gary Colton PHONE _____

PROPERTY LOCATION:

SUBDIVISION Foxmoor LOT NO. Parcel C LOT 'A'

ROAD AND DESCRIPTION End of Timberleigh Way (17716 Quail Covey Court)

TAX MAP 12 PARCEL # 16

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

BLDG. PERMIT SIGNED
AND RETURNED 6/2/94
Serial # 54450-SFD

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. ✓ Mary T. Armiger
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS PLAT REQUIRED Cwellia DATE 6/26/90

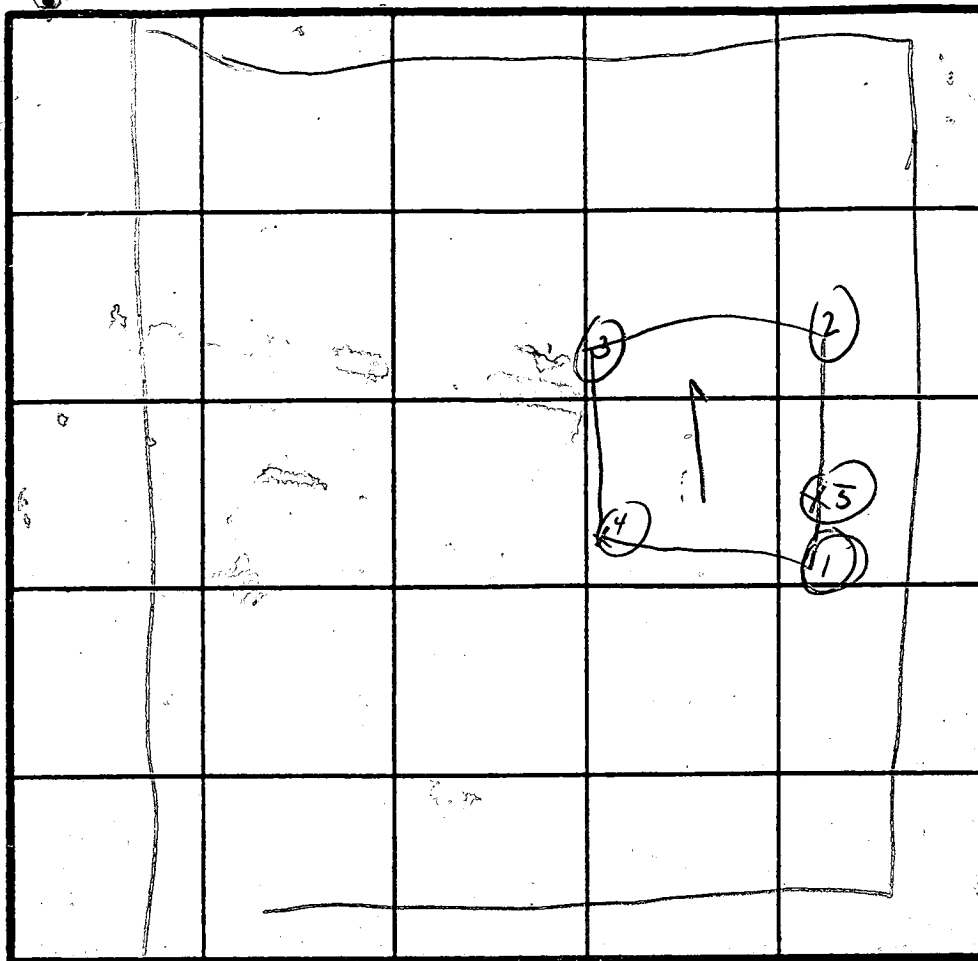
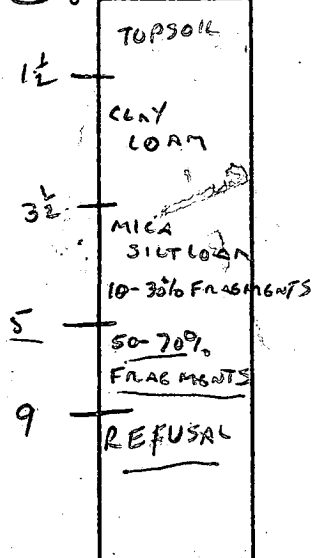
REASONS FOR REJECTION OR (HOLDING) 8-7-90 For plat approval. SHALLOW SYSTEM
ONLY, INSTALL SYSTEM BEFORE BUILDING PERMIT APPROVAL JEN

HD-216

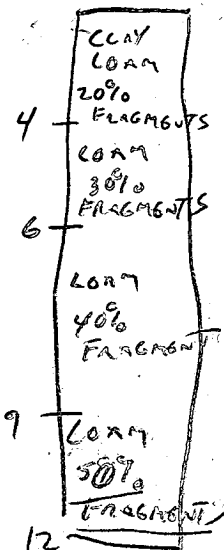
THIS IS NOT A PERMIT

445624

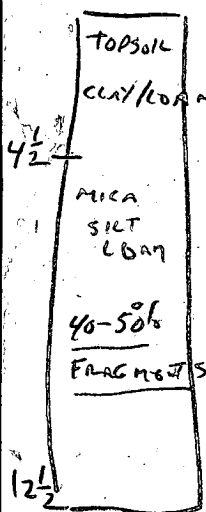
#1 SOIL PROFILE



#3



#2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

7 10 MIN

240A
INLET 1 1/2'
BOTTOM 3 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-16	1	3 1/2 8 1/2 9	1:12:45 1:13:10 REFUSAL	1:14:50 1:14:30	1:14:50 1:14:30	1:20:30 1:16:40	5 MIN 2 MIN
	2	4 12	1:28 VIS OK	1:32:30 3-7 1/2'	1:32:30	1:39	6 1/2
	3	4 3 7 12	1:35:30 2:21:50 2:19	1:38 2:28 2:20	1:38 2:28 2:20	1:48 2:42 2:22:30	5 14 2 1/2
	4	4 8 12	OLD #2 REEXAMINED	SEE A 40865	OK	3 1/2-8 1/2'	OK
	5	2 1/2 5 1/2 3 1/2 8	2:02 TOO ROCKY TO DIG - HOLE TO FULL DEPTH - PENCIL FASTEN THAN 2'	2:52:44 2:49:48	2:52:44 2:49:48	2:58:46 2:51:19	6 1 1/2

TESTED AS STATED

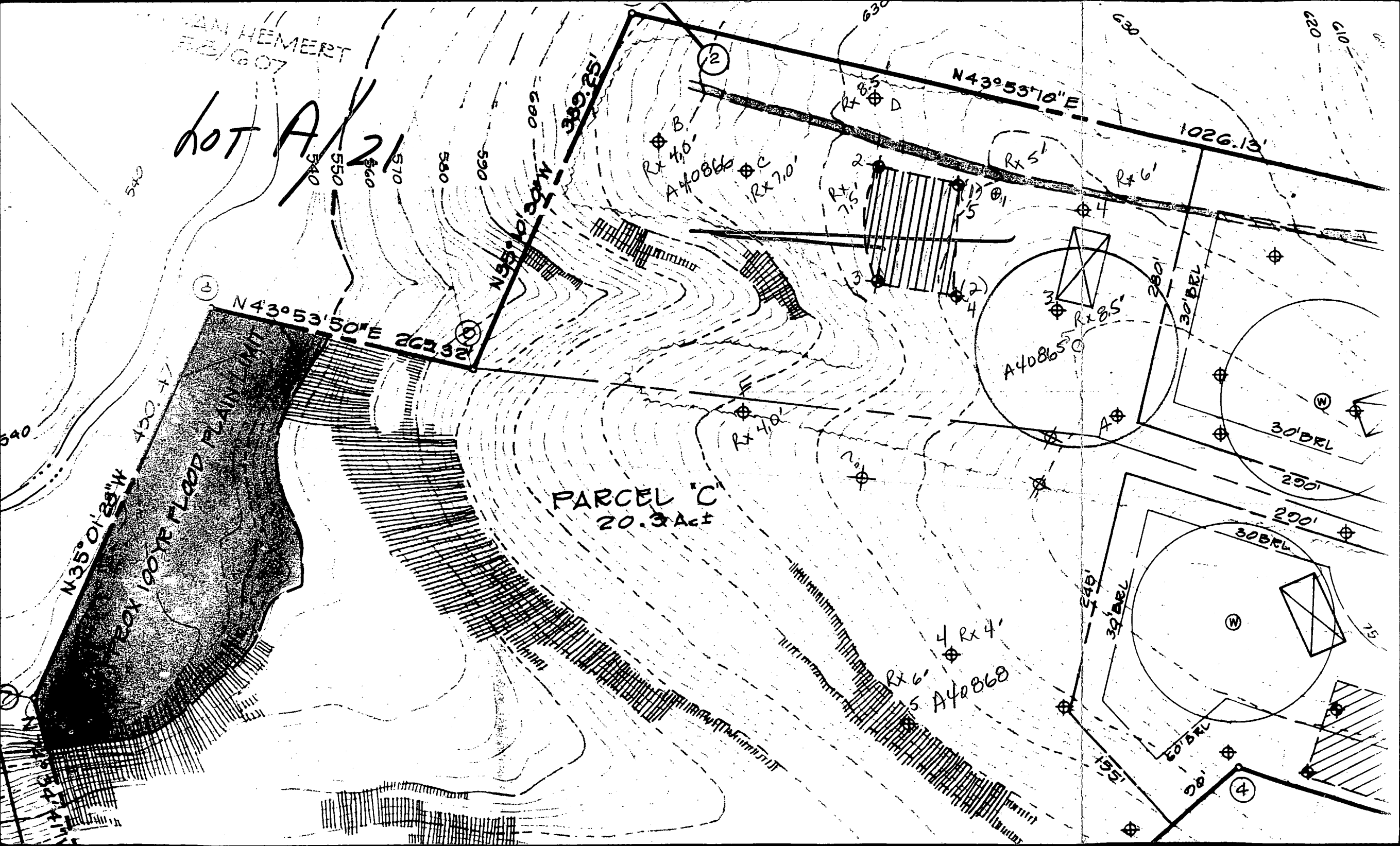
REMARKS MAX DEPTH 3 1/2' SYSTEM BEFORE BP. DO NOT INCLUDE HOLE #1

TYPE OF SOIL MT. RAY MICA-SHIST/LOAM

TESTED BY CW. ADAMS / B. ADAMS ALSO PRESENT D. COLG / D. HOPKINS

MAN HEMERT
E.B./G.O.7

LOT A/21



APPLICATION

PERCOLATION TESTING

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

Preview ok,
SDA < 10,000 ft
Expand area at
time of test. JEN
2-28-90

DISTRICT

DATE

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 ORCHARD DEVELOPMENT

ADDRESS 7050 Oakland Mills Road - Suite 100 PHONE (301) 290-9494

PROSPECTIVE BUYER Columbia, MD 21046

ADDRESS Attn: Gary Colton PHONE

PROPERTY LOCATION:

SUBDIVISION Foxmoor LOT NO. Parcel C LOT "A" - ALTERNATE

ROAD AND DESCRIPTION End of Timberleigh Way

TAX MAP 12 PARCEL # 16

SIZE OF LOT 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.

1. Mary T. Armiger
(SIGNATURE OF APPLICANT)

APPROVED BY FOR DATE

REJECTED BY Cwell FOR any DATE 5/17/92

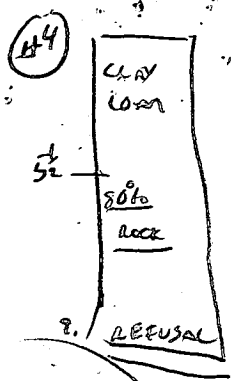
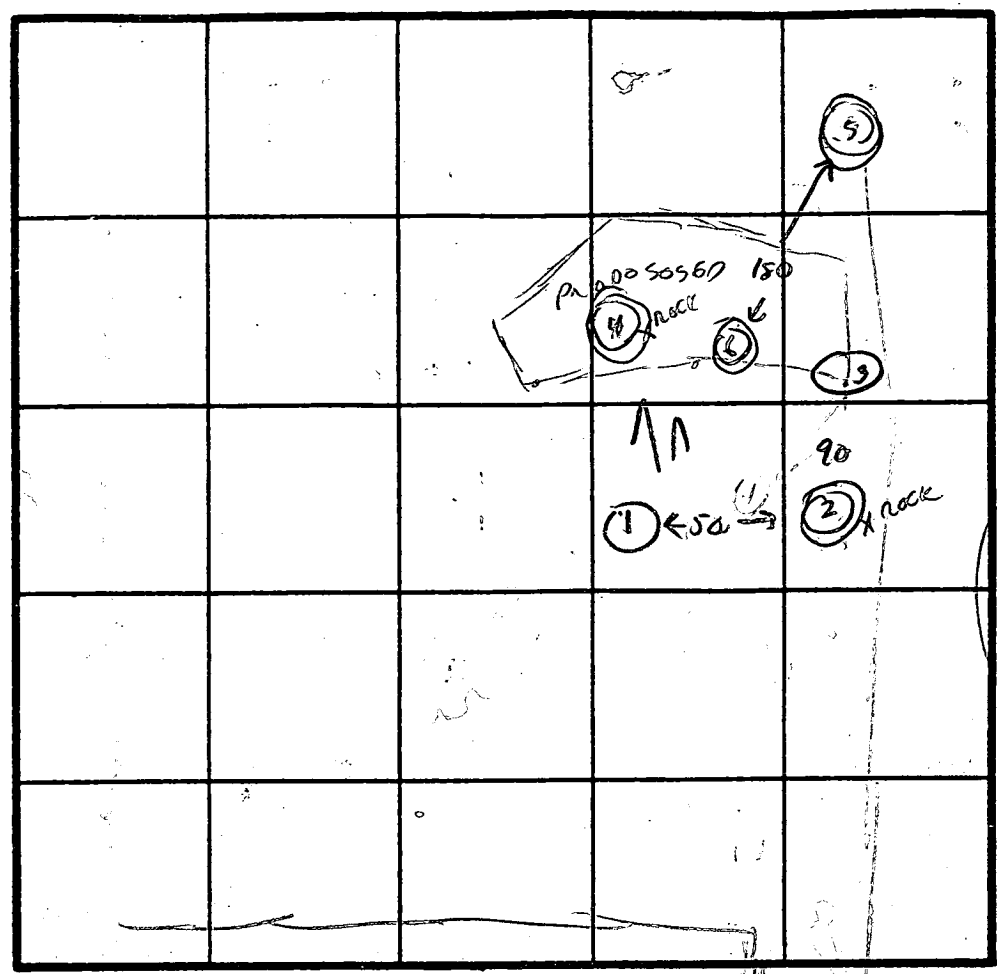
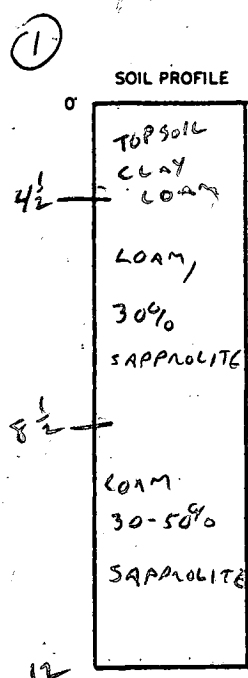
HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

HD-216

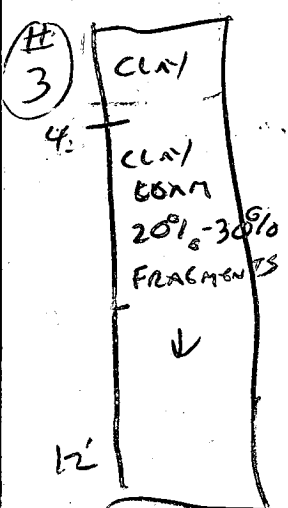
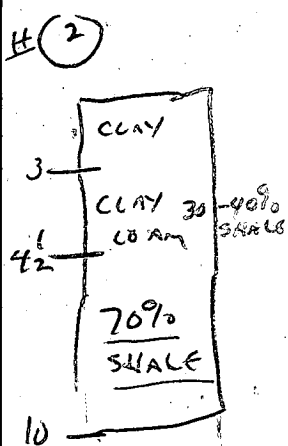
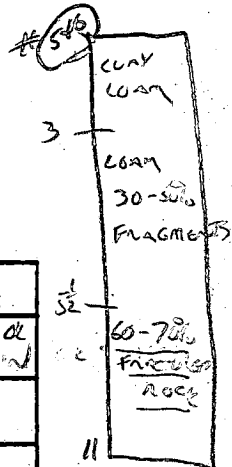
THIS IS NOT A PERMIT

A45624(B)



$\bar{x} = 10MN$
240 ϕ BLM.

INLET 3
BOTTOM 5



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

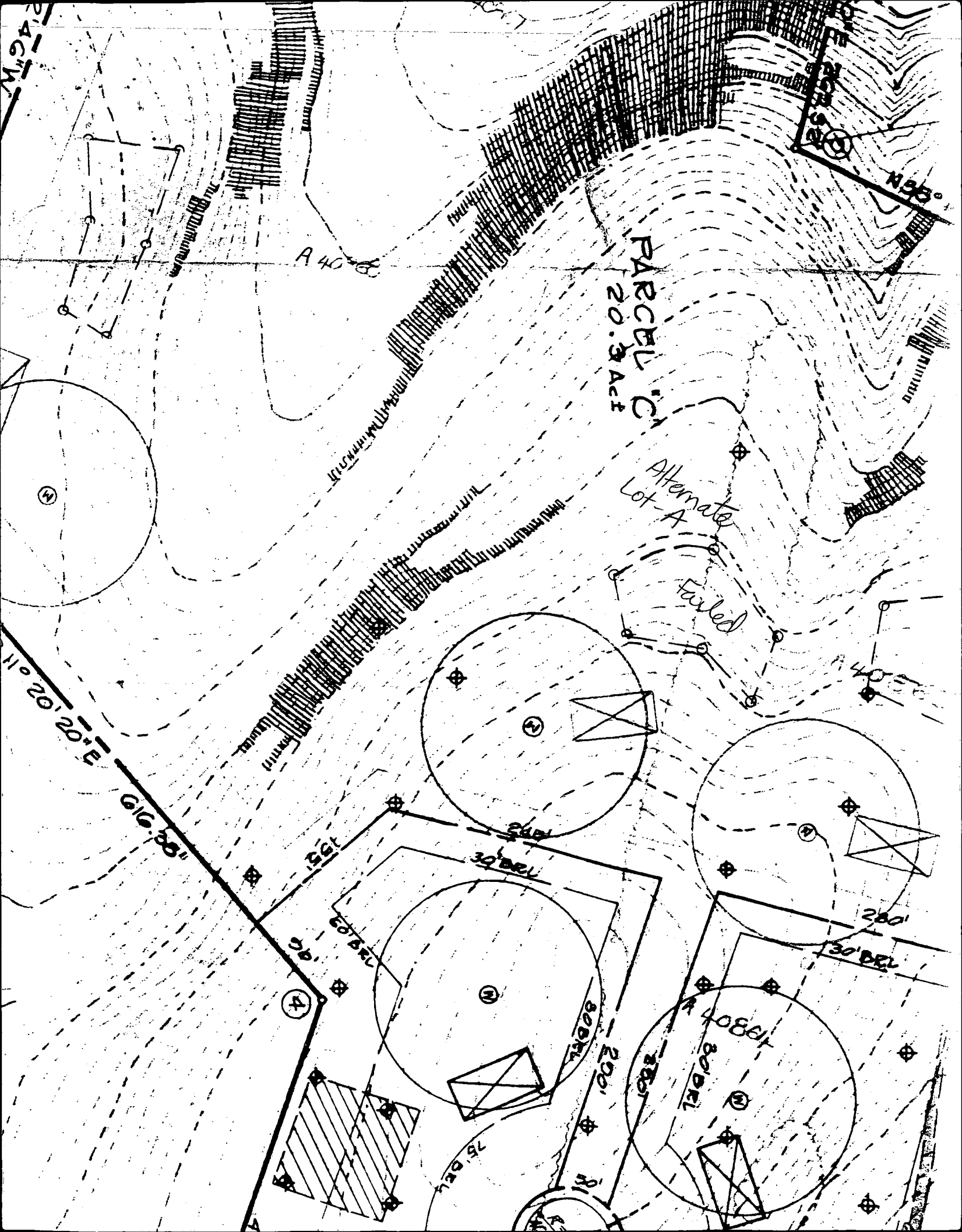
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/14/90	1	5	3:13:40	3:22	3:22	3:36	8 MIN
		12	OK 4 1/2 - 9'	APPROACHING 50%	SHALE BELOW		
	②	NO TEST	SHALE AT 4 1/2'				FAIL
			EXCESS SHALE 4 1/2 - 10'		UNABLE TO EXCAVATE TEST HOLE - LARGE FRAGMENTED ROCK		
	3	4 1/2	3:30	3:34	3:34	3:39	5 MIN
		8	3:34	3:35	3:35	3:39	4 MIN
		12		OK	4-12'		
5/17/90	④	ROCK AT 5 1/2'					FAILED
	⑤	3	12:48	12:49:30	12:49:30	12:52:00	1 MIN 30 SEC FAILS
		8	12:48	12:49:15	12:49:15	12:51:30	1 MIN 55 SEC FAILS
		11	ROCK CONTENT "PATCHY" 8' TEST HOLE IN 20-30% ROCK POCKET - EXCESS ROCK ADJACENT FAILS				
	⑥	SIMILAR TO #5					FAILS

PROPOSED AREA INCLUDES SHALE - RELOCATE TO HIGHER GROUND.

REMARKS SPOTTY ROCK - SOME JUST PASSABLE SOME FAILS BADLY - FAIL ALL

TYPE OF SOIL MT AL2Y - SHALBY AREA LOAM

TESTED BY C. Williams / B. ADAMS ALSO PRESENT D. HOPKINS, D. COLG



IDENTICAL TO SIGNED FINAL
F 92-88

E.R. MYRIK
550/021

CARL L.
604/35

N 43° 50' 10" E

570.13'

30' BRL

LOT 21
9.0 ACRES

389.25'

N 35° 10' 30" W

30' BRL

PARCEL

30' BRL

43° 31' 55" E

821.93'

30' BRL

N 35° 20' 30" W
195.00'

N 40° 00' 50" W

252.14'

N 40° 30' 22"

N 40° 30' 22"

N 40° 00' 50" W

280.00'

N 40° 30' 22"

N 40° 30' 22"

N 40° 30' 22"

N 78° 39' 40" E

135.67'

75' BRL

30' BRL

20.30'

S 20° 20' E

B. MARTIN
1990
1004

C1 5140 SEQUENCE NO. (DENV USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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

THIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.

COUNTY
NUMBER

A45624

ST/CO*USE ONLY
DATE Received

8 13

DATE WELL COMPLETED

030392

Depth of Well

22 160 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

40-88-2056
28 29 30 31 32 33 34 35 36 37

OWNER Chesapeake Holding Co
STREET OR RFD last name Quail Cover Ct first name TOWN
SUBDIVISION Fox Moor SECTION LOT 21

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 TO Check if water bearing

TOP Soil 0 2
Clay 2 5
Shale 5 10
brown slate 10 35
blue & brown slate Mixed 35 100 ✓
blue slate 100 115
Flint 115 118 ✓
blue slate 118 160

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 10 NO. OF POUNDS 1000

GALLONS OF WATER 50

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 35 ft.
(enter 0 if from surface)

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 90
60 61 63 64 66 70

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

EACH CASING

screen type or open hole insert appropriate code below

ST BR HO
STEEL BRASS OPEN HOLE
PL PL
PLASTIC OTHER

C2

DEPTH (nearest ft.)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

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

OEP 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

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 10

METHOD USED TO MEASURE PUMPING RATE Direct

WATER LEVEL (distance from land surface)

BEFORE PUMPING 77

WHEN PUMPING 80

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).

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
300'
Quail Cover Ct.

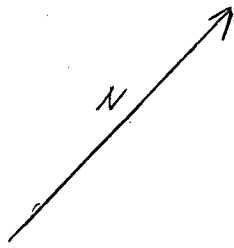
CIRCLE APPROPRIATE LETTER,
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

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 IDENT. NO. 40
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY



1/26/96
Proposed barn
location
OK as shown.
Contractor
to maintain
at least 20'
to bench.
(515)

60' BRL

PROPOSED
36 x 60 BARN

DRAINFIELD

DIST.
BOX

SEPTIC
TANK

EXISTING
SFD

WELL

MICHAEL & KATHLEEN ERSKINE
17716 QUAIL COVEY COURT
WOODBINE, MD 21797

LOT 21
9,003 AC.

PLAT # 10324

30' BRL

30' BRL

30' BRL

190' ±

92'

100' ±

137' ±

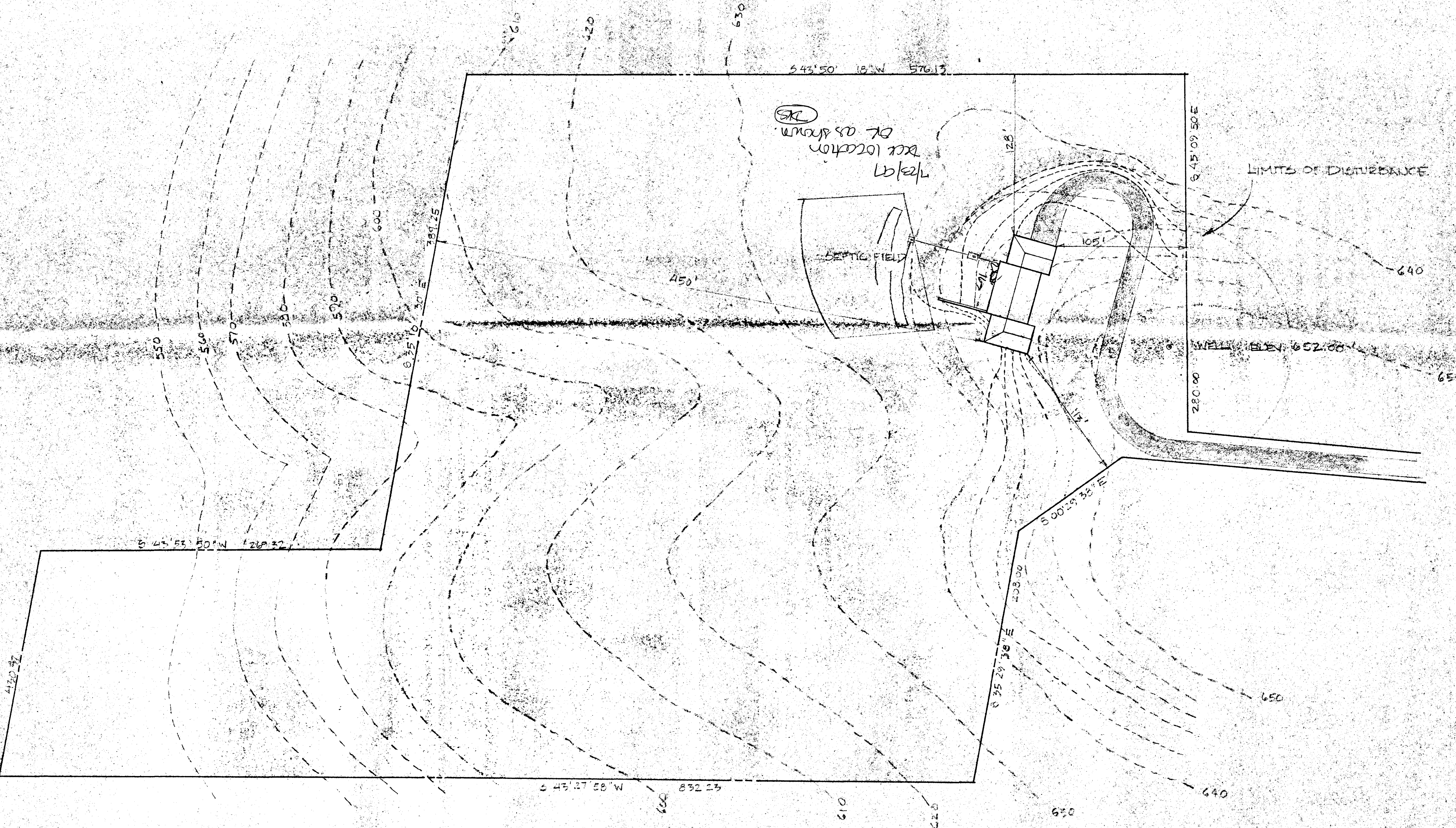
31' ±

90'

36'

60'

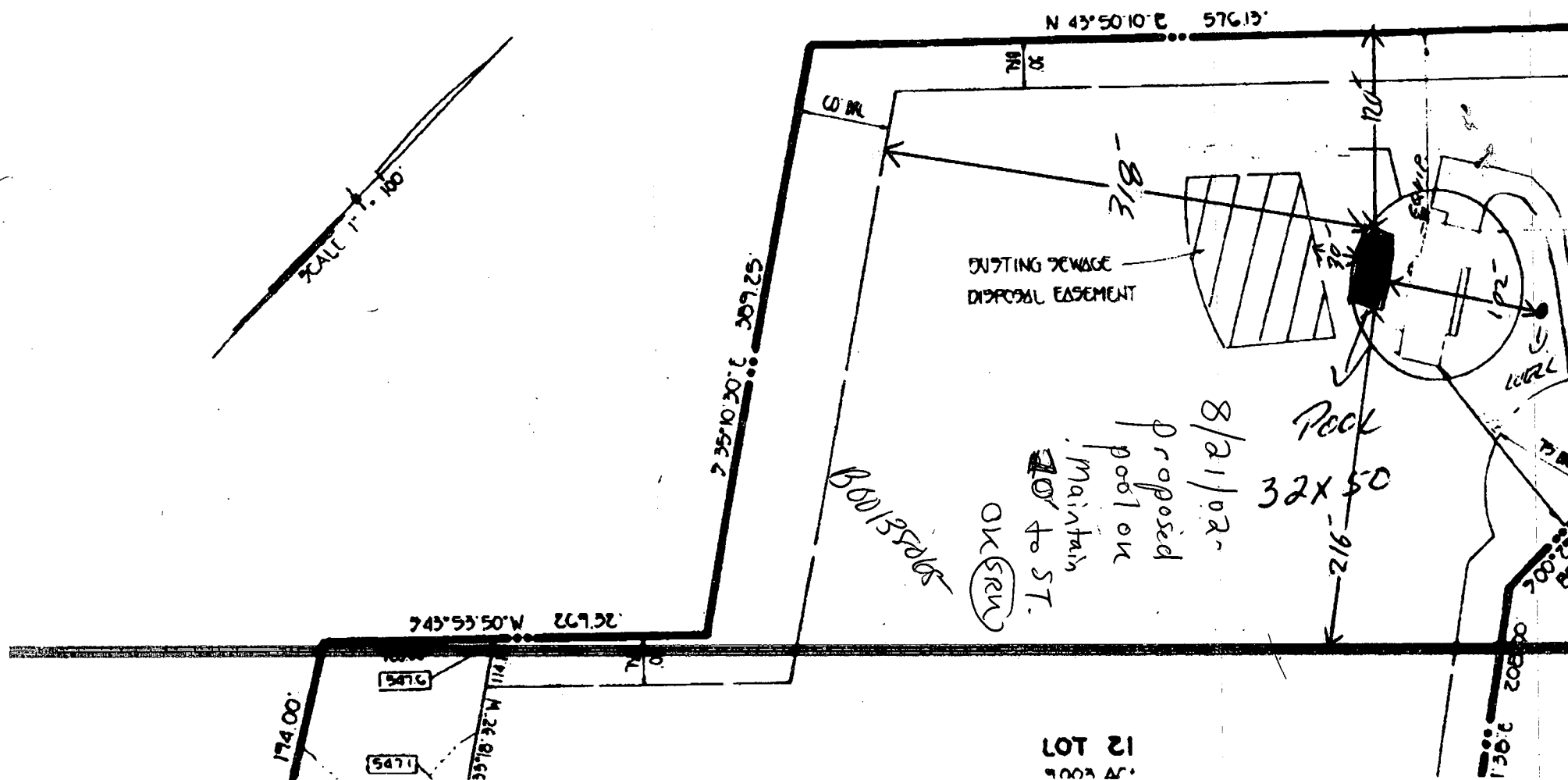
PLOT PLAN LOT 21 SCALE 1" = 40' FIRST FLOOR ELEVATION 649.00'
BRI-30' EASEMENT ELEV. 641.00'



IT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM
2 AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE
3 PLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY THIS
4 IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR
5 ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
6 AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH
7 IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
8 IF PROPERTY IS SHOWN IN ZONE "C" ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE
9 MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440012, EFFECTIVE
10 DEC. 4, 1986.

FROM SEPTIC
TO POOL - 25'
FROM WELL
TO POOL - 200'

10 - TO
220058



EXISTING PRIVATE SEPTIC EASEMENT
PROPOSED TRENCHES

630

17 43° 50' 10" W

576.13'

30' B.R.

800139497

EXTENSION OF
DECK UNDER
BP 139497
11/21/02
APPROVED

EXISTING PAVED
DECK

NEW DECK
W/SCREEN
PORCH

DISTRIBUTION BOX-
SEPTIC TANK
RETAINING WALL

SILT
FENCE

LOD

LOD

30' B.R.

650.0

649.8

649.6

649.4

649.2

649.0

648.8

648.6

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630.0

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628.0

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