

10/14/86

10/16/86
ANYTIME

05-3920e3

APPROVED
10/16/86
RHP 37/30
A 35043

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
XXXXXXXXXX
461-9933

INDEXED

BLDG. PERMIT SIGNED
AND RETURNED

ELLICOTT CITY
DISTRICT 5th
DATE 6/04/86

Bill Cumberland IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 489-4457

SUBDIVISION Kalmia Farms ROAD 14525 Triadelphia Mill LOT 28

PROPERTY OWNER James & Diana Greco

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 220 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 6 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Start the first trench 75 feet from the front lot line and 145 feet from the left lot line as seen when facing the property from Triadelphia Mill Road. Run trenches along level ground toward left front corner of lot.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

BLDG. PERMIT SIGNED
AND RETURNED 12/15/94
Seal # 57637
addition - deck/stair

***** - BE CERTAIN TO MAINTAIN 100 FEET MINIMUM SEPARATION BETWEEN TRENCH AND ANY WATER WELLS.

PLANS APPROVED BY C. Williams DATE 6/26/85

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

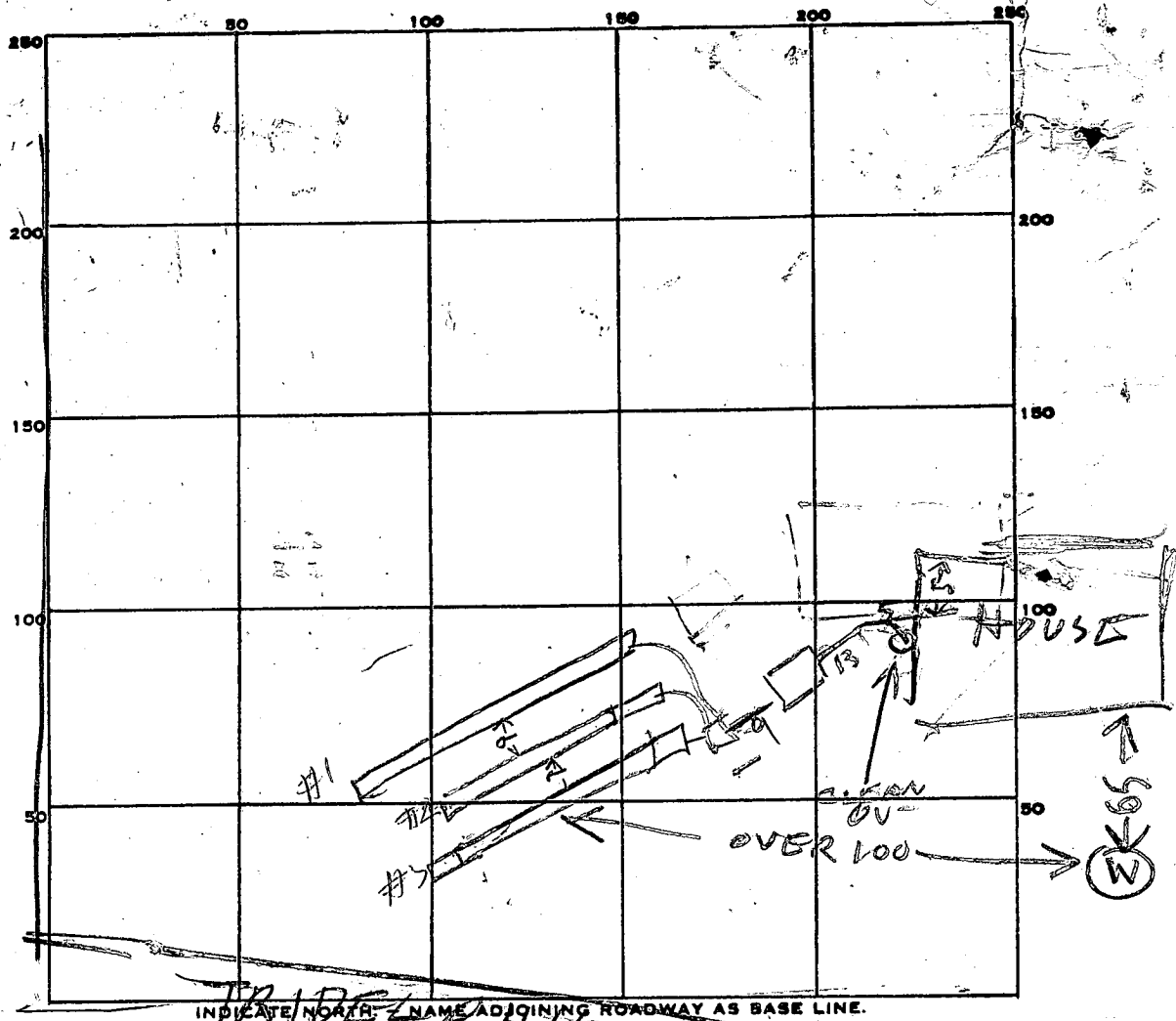
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 35043



PERMIT CARD _____

SEPTIC TANK, LEVEL OK 1250 wall vault CLEANOUTS OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH	#1	#2	#3	FT.	TRENCH WIDTH	#1	#2	#3	FT.
	6 1/2	6 1/2	5 1/2			2	2	2	

GRAVEL DEPTH	#1	#2	#3	IN.	TOTAL LENGTH	#1	#2	#3	FT.
	3 1/2	3	3			75	64	80	

NUMBER OF TRENCHES	TOTAL BOTTOM AREA	#1	#2	#3	TOTAL
		263	192	240	695

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

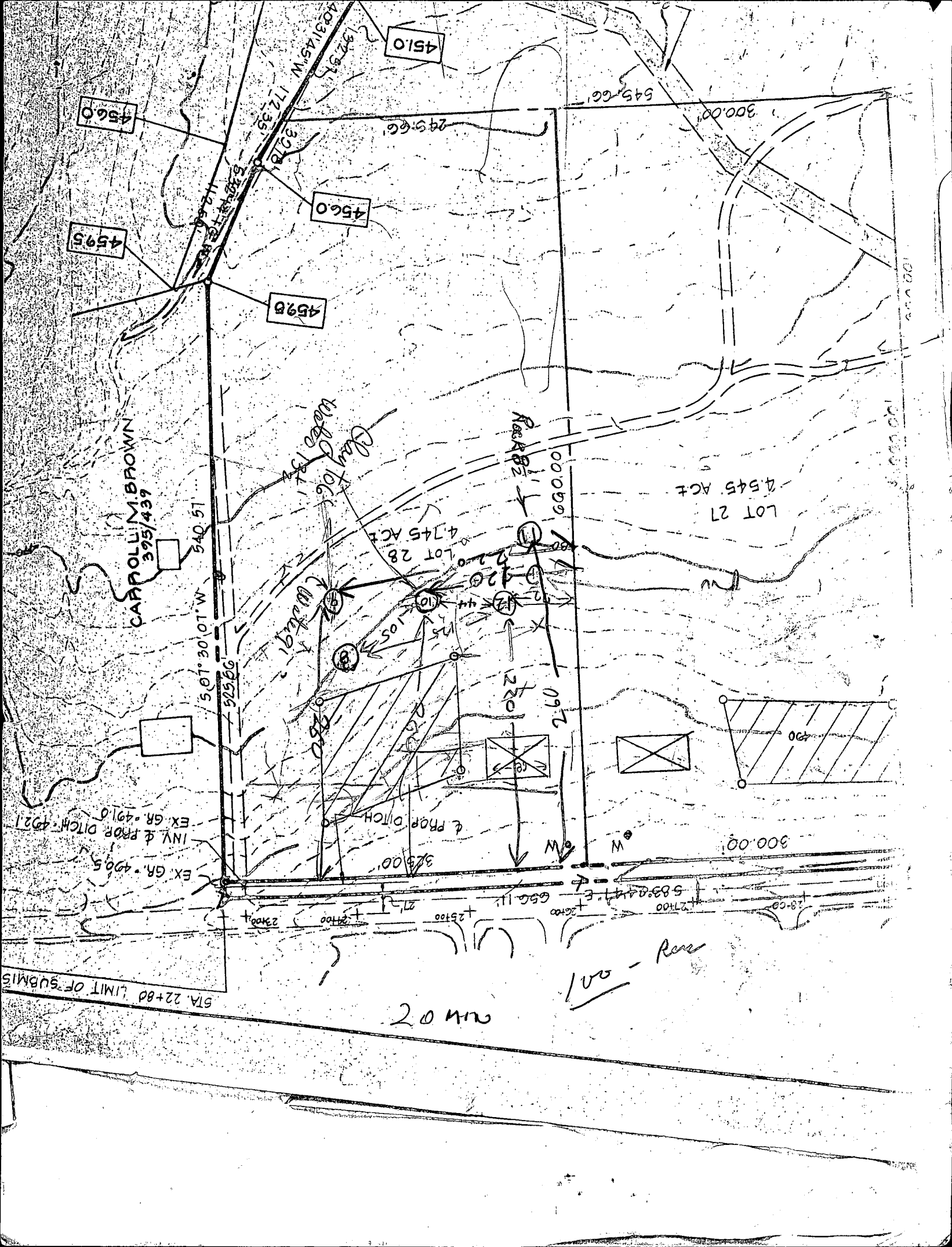
REMARKS 10/14/86 1044 LOCATION OK ADD STONE & CALL OK
TO COVER PART OF TRENCHES TO PUT STONE IN. RH
10/16/86 - 660 SPT REQUIRED 695 INSTALLED
STONE ADDED TANK & BOX HOOKED UP. RH

DATE SYSTEM APPROVED

10/16/86

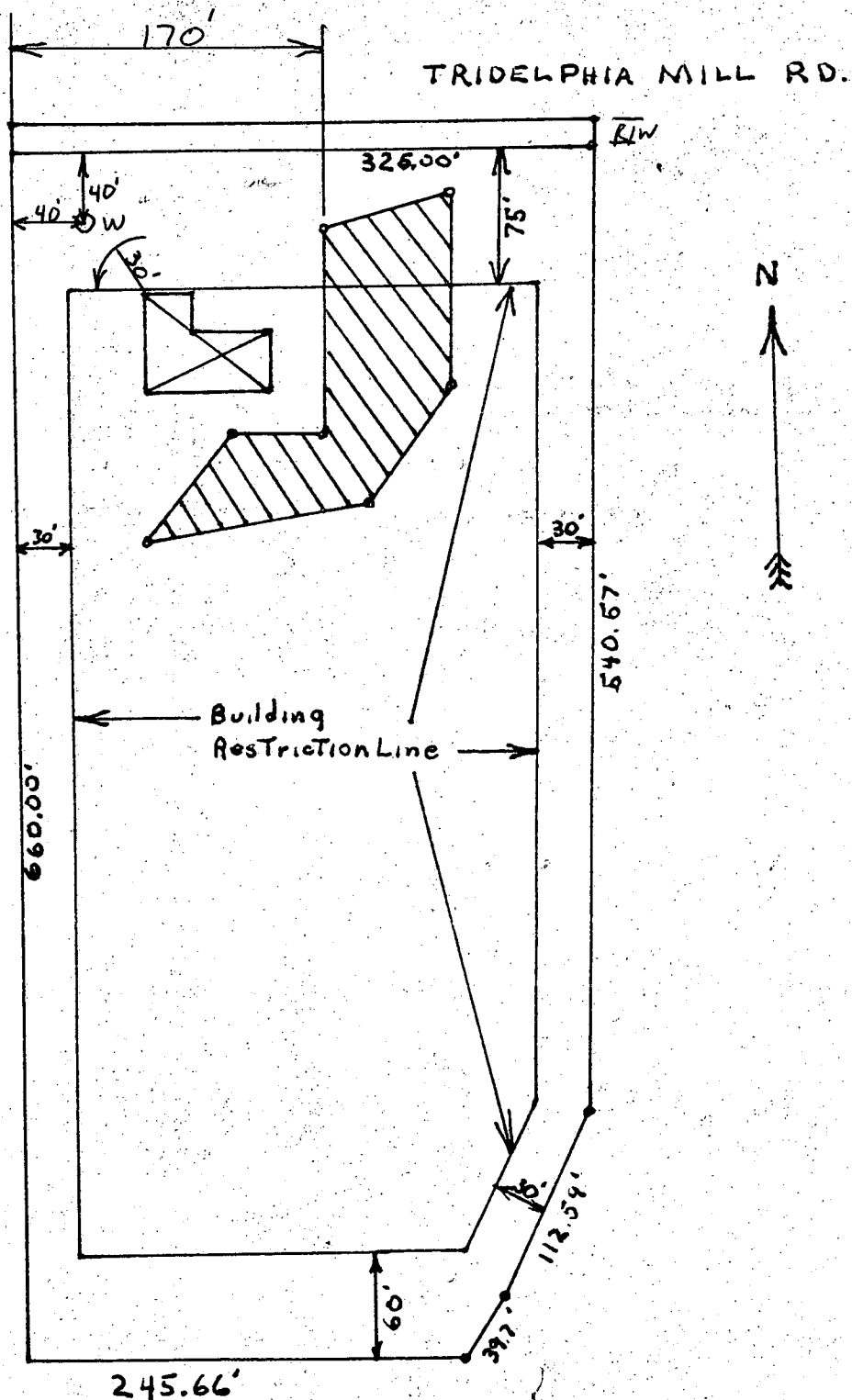
INSPECTOR

Raymond Hodge



Lot #28 Kalmia Farms Development

Note: Sewage Disposal easement is approved by Howard County Env. Health after re-perc on 3-18-85.



James M. Greco
 3945 Lantern Court
 Silver Spring Md.
 20902
 942-1099

10/29/79 Now #210 ← 7/13/79 #32 on final plat #35 Section 2
A 27464

APPLICATION

#28 3/80

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

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 _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION KALMIA FARMS LOT NO. 35

ROAD AND DESCRIPTION _____

SIZE OF LOT _____ TYPE BLDG. _____

NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT _____

APPROVED BY Raymond Hodge FOR Trencher DATE 9/28/83

(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____

(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

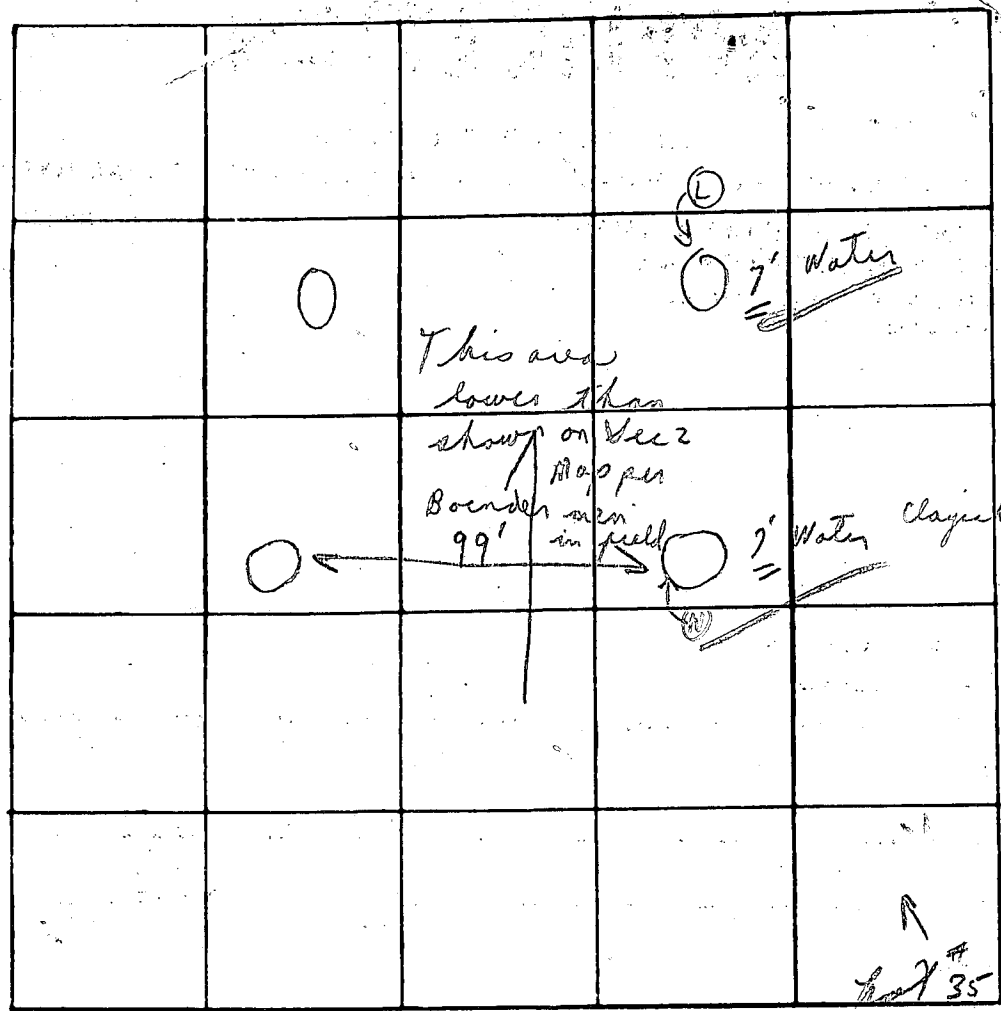
REASONS FOR REJECTION OR HOLDING 5/5/78 Septon Furs

Reconstructed to the side 9/28/83 RH

THIS IS NOT A PERMIT

35

Field sheet



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Philadelphia Mill Rd

Dam Reservoir

To Dayton
Soil Profile
Below clay

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/5/78	1	1	:	:	:	:	
	2	1	:	:	:	:	
	3	1	:	:	:	:	
	4	1	:	:	:	:	
	5	1	:	:	:	:	
	6	1	:	:	:	:	
	7	1	Visual				

REMARKS

(Sec. 2)

(Lot #35 All holes out of full trees & dug per mistake)

TYPE OF SOIL

TESTED BY

C.B.D.

ALSO PRESENT:

{ Vane men & lady as
weathering, for dig
Boards' crew

Lot #34

5/4/78

~~sheet~~ New #36

on Dec. II
78-8-21 of April 78
Platt

{ Water at 88½ Clayish
9' to water

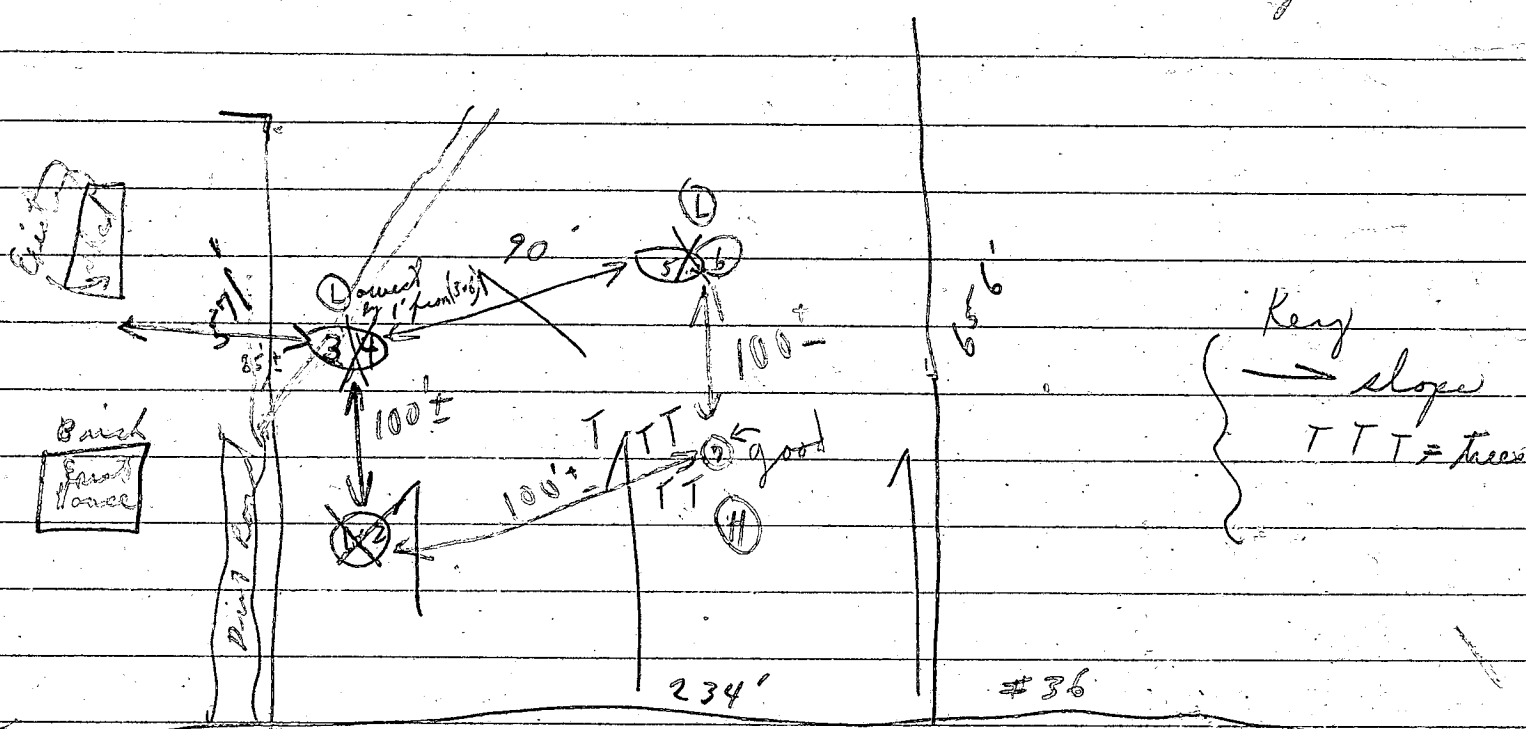
{ Water at 10' =

Rechecked at 12:40
day

{ I started to rain }

at 11:22

got heavier in



Treadelphina Mill Rd

Note (#1, 2)
Notes (5, 6) +
about same
elevation

To Pam
→ Kessie
at 11:30 (34)
Machine stopped
(No hole dug) In 10
waited
talked to

Pract

John Bourne a passenger
Wm. Charach was a

APPLICATION

Revised

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35043

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 2/21/85

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 James M. Greco (Contract Owner)

ADDRESS 3945 Lantern Court SIL Spring PHONE 301-942-1099

PROPERTY LOCATION:

SUBDIVISION Kalmia Farms LOT NO. 28

ROAD AND DESCRIPTION Tridelphia Mill Rd.

SIZE OF LOT 4.745 AC. TYPE BLDG. 4

(NUMBER OF BEDROOMS)

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 M. Greco
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

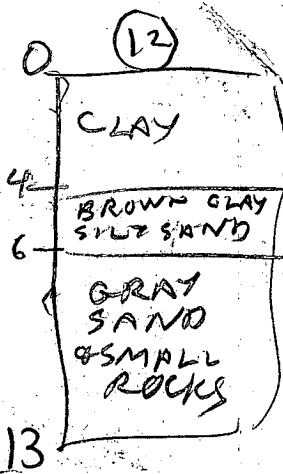
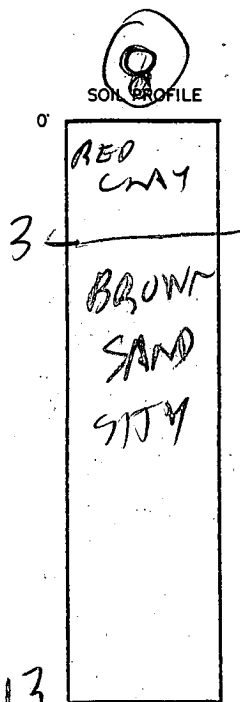
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

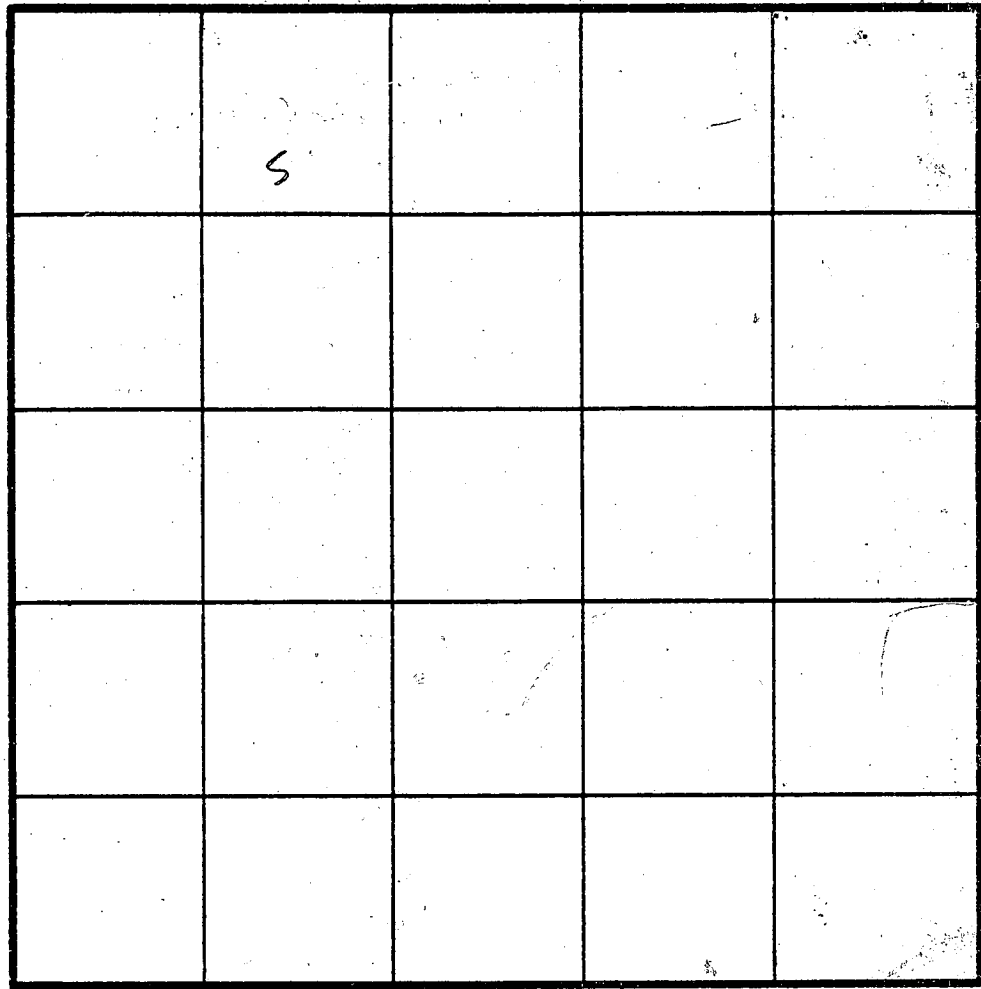
THIS IS NOT A PERMIT

SE

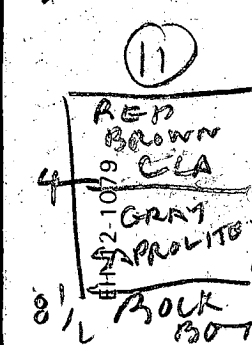
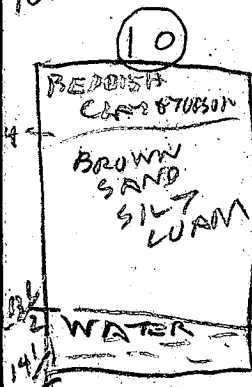
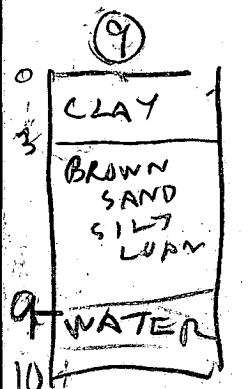


Holter

(12) HIGH
(11) MEDIUM
(9) LOW



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/12/85	89	4	151	214	214	239	25
	8V	13	216	226	226	239	13
	9V	9	WATER		9F7		
	10S	4 1/2	206	250	little pen		
	10D	9 1/2	206	212	212	223	11
	10V	14 1/2	CLAY TOP		6 F7		
	8V	13	WATER		13 1/2 see profile		
	8V	13	LOOKS OK				
	(11V)	8 1/2	ROCK BOTTOM				
3/12/85	12S	4	234	306	little pen		
	12D	9	246	252	252	302	10
	10VH	6	255	306	306	356	10
	12M	5	328	332	332	350	18
3/13/85	12V	13	LOOKS OK		3		

5cc
306
29

REMARKS

TYPE OF SOIL

TESTED BY B. HODGES

ALSO PRESENT

Ray MCCARTHY Real Estate
VBO VANDERVEL BROADWAY
JAMES GREGG BUYER

ROAD

25

J. J. J. J.

b6-51-87

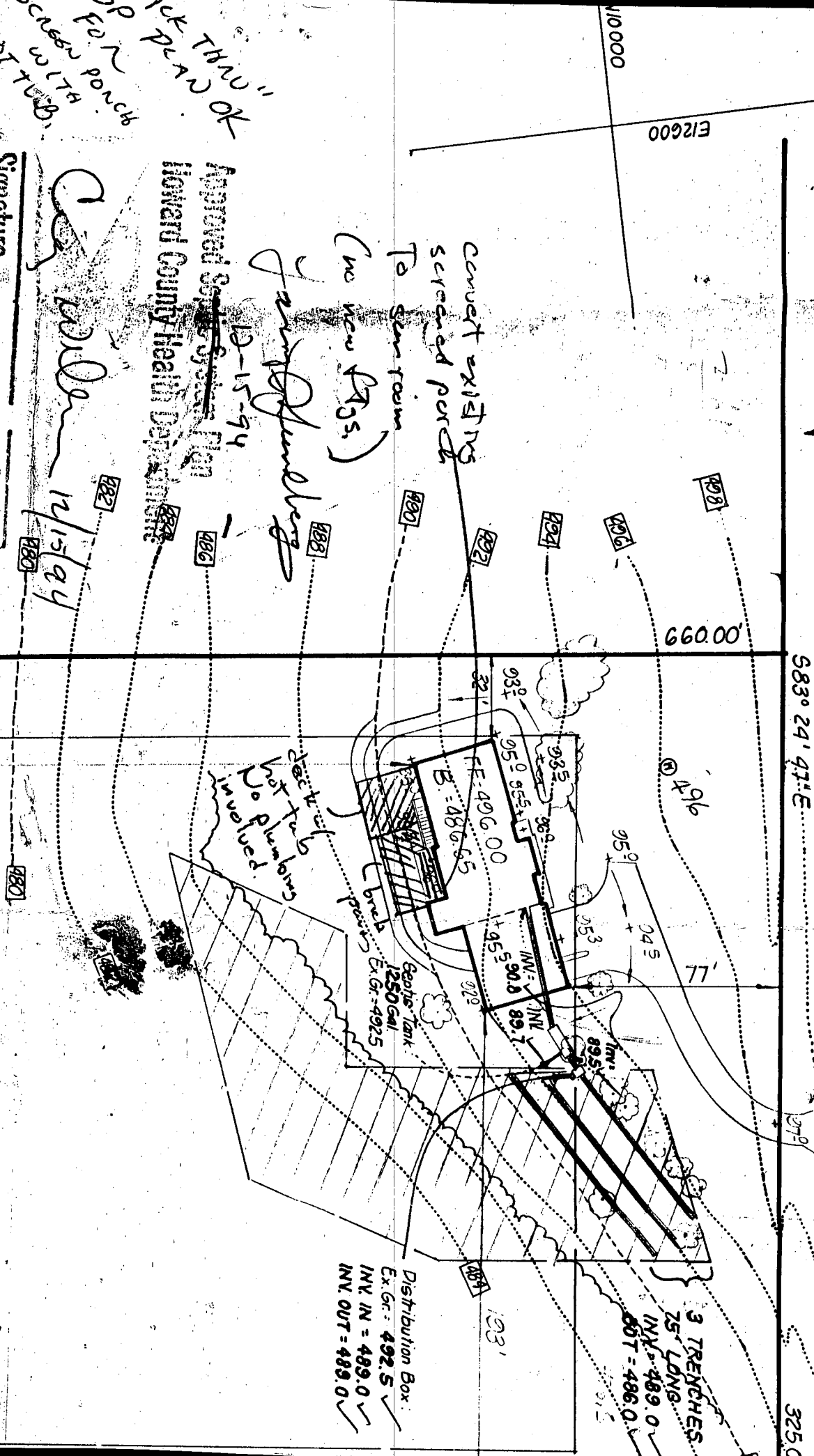
100

Waller

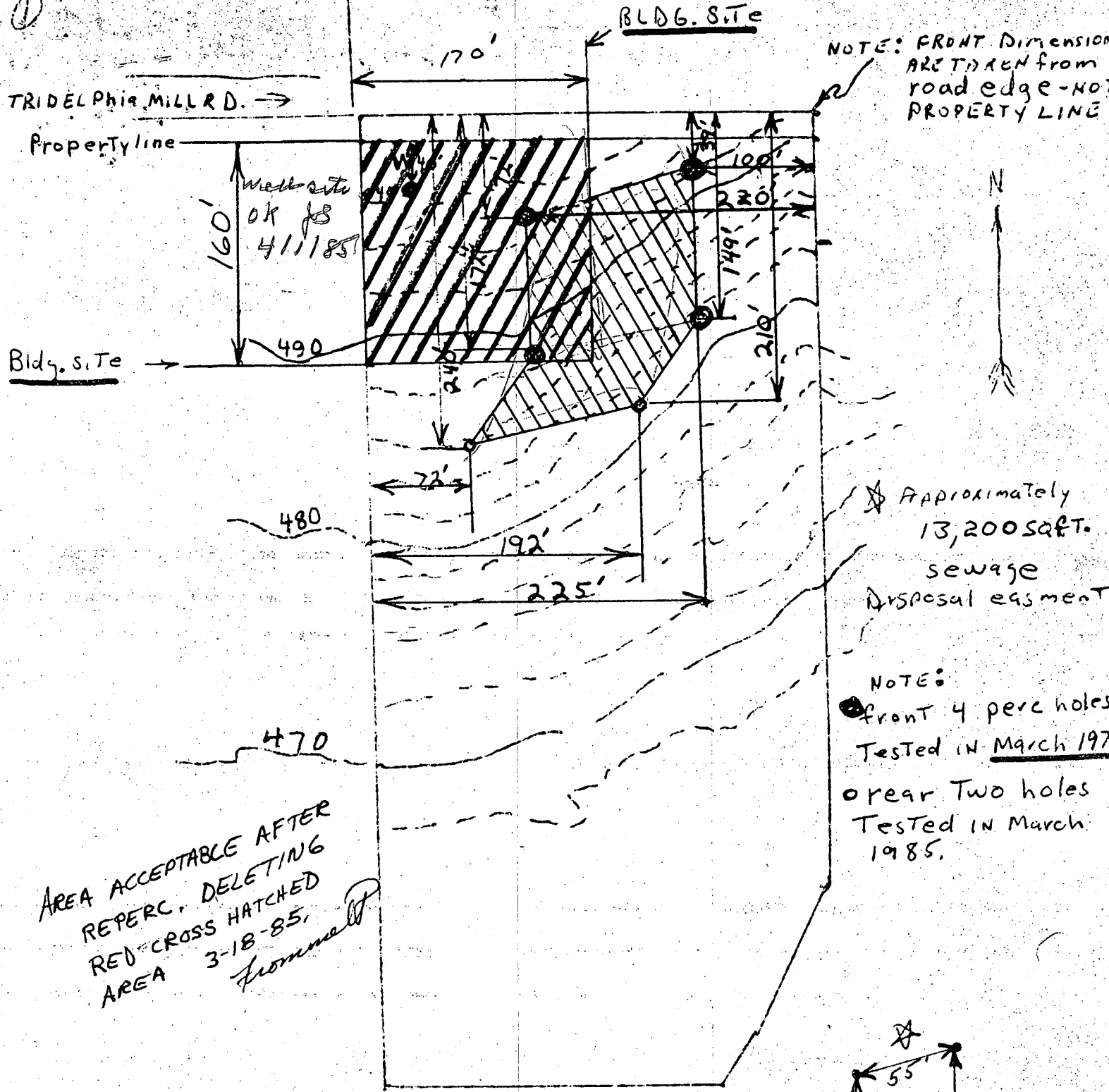
12/15/94

Distribution Box:
Ex. Gr.: 492.5 ✓
IN. IN = 489.0 ✓
IN. OUT = 489.0 ✓

3 TRENCHES
25' LONG
IN X = 489.0 m
DOT = 486.0 m



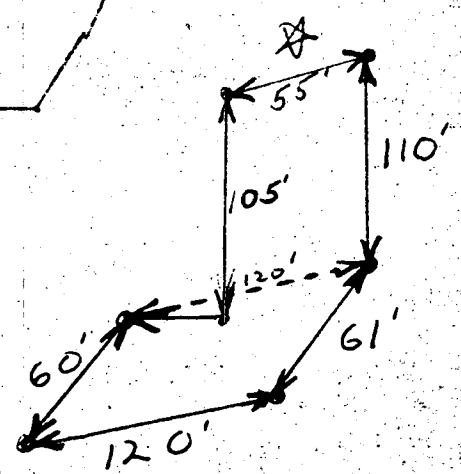
①



LOT #28 Kalmia Farms

James M. Greco
3945 Lantern Court
Silver Spring Md.
20902.

301-942-1099



APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

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 _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

SIZE OF LOT _____ TYPE BLDG. _____

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.

SIGNATURE OF APPLICANT _____

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

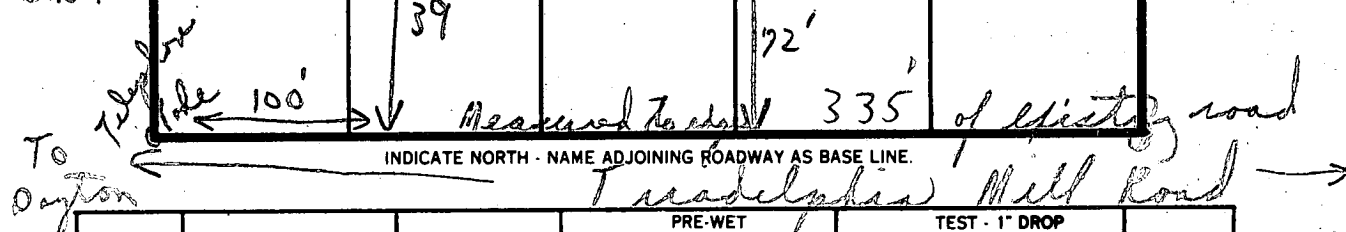
~~35~~

Q

Below
clay
winch
rees



Cust
Book
Position



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/19/79	1	3 ft	1:18	1:21	1:21	1:26	5
	(H) 2	11 1/2'	1:17	1:19	1:19	1:25	6
	3	3 1/2' ft	1:23	1:27	1:27	1:30	3
	(L) 4	12'	1:22	1:23	1:23	1:25	2
	5	3 1/2'	1:31	1:34	1:34	1:37	3
	(L) 6	12 1/2'	1:31	1:35	1:35	1:51	16
	7	13' by Visual			shelf	3 1/2' 6	35

REMARKS

TYPE OF SOIL

TESTED BY

(Holes dug at time of arrival) {Measured with Dipon}

Tests in area of small trees near road

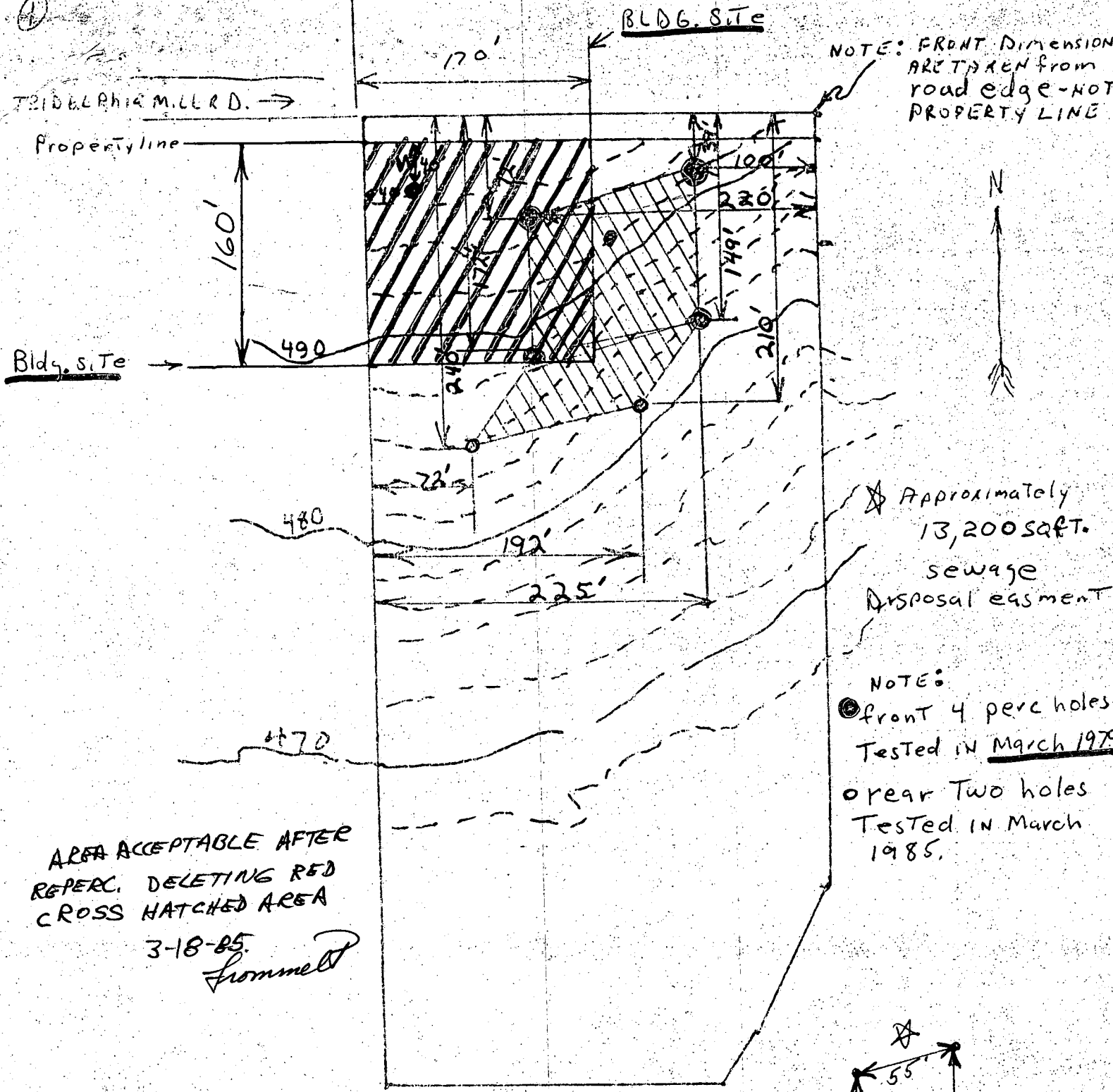
C.B.V.

ALSO PRESENT

F. Dickson

K. Allen of Allen's Backhoe

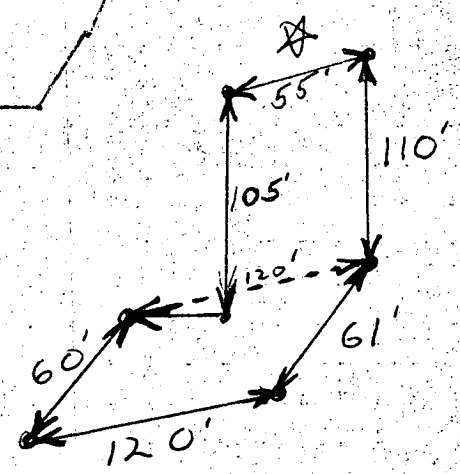
①



AREA ACCEPTABLE AFTER
REPERC. DELETING RED
CROSS HATCHED AREA
3-18-85.
Fromme

LOT #28 Kulmira Farms
James M. Greco
3945 Lantern Court
Silver Spring, Md.
20902.

301-942-1099



Review H9362

Date April 9, 1985

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0953
Location of property (road) Triadelphia Road
Subdivision Kalmia Farms Lot 28 Block Plat Sec. 2
Well Driller Joseph Mayne Owner James M. Greco

Depth of well 145'
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 25'

High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 10
Total time 15 min to reach pumping water level 36 ft. below M.P.

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

[illegible]

10/16/86

- ① Well Tag OK
- ② Power line OK
- ③ Pressure adapter OK
- ④ Ground Wire OK
- ⑤ Pressure Tank not yet installed
- ⑥ No permit at site

Plumber is Bill Cumberland

W T C 3 PLUMBING CO

1820 GILLISTALL RD

WOOD BINE MD 21797

Phone 301 489 4457

B 1 3339 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER 40-81-0955 fill in this form completely
Date Received 4/9/85 9:30 AM 032085 OWNER INFORMATION Last Name GRECO Owner First Name JAMES 2945 LANTERN COURT Street or RFD SILVER SPRING MD 20902 Town State Zip		LOCATION OF WELL 3 COUNTY HOWARD SUBDIVISION KALMIA FARMS SECTION 2 LOT 28 NEAREST TOWN DAYTON MILES FROM TOWN (enter 0 if in town) 2 3/4 MI
DRILLER INFORMATION Driller's Name Joseph L. Wayne License No. 238 Firm Name Joseph L. Wayne Address 5512 Ridge Rd. Mt. Airy, Md. Signature Joseph L. Wayne Date 3/20/85		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD Triadelphia Road ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 40 FT OR MI
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A 35043 COUNTY NO. OEP SIGNATURE J. Stayer STATE HEALTH INSERT S 10/1/85 DATE ISSUED NORTH GRID 507000 EAST GRID 0794000
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)		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 N 790 4 S 500 7
APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary Drive-POINT other		Location OK 37 - casing 30 - open 8 - bags cement 4/9/85 JS
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 ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE JS WRITE INITIALS IN BOX PERMIT No. 40-81-0955 SPECIAL CONDITIONS		

C19596

SEQUENCE NO.
(OEP USE ONLY)

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

THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
45 DAYS AFTER WELL IS COMPLETED.

COUNTY
NUMBER

A 35043

DATE Received

DATE WELL COMPLETED

040983

Depth of Well

145

(TO NEAREST FOOT)

OWNER

GRECO

JAMES

STREET OR RFD

TRINITY MILL RD

TOWN

DAYTON

SUBDIVISION

KALMIA FARMS

SECTION

2

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

TO

Check
if water
bearing

Brown shale

0

33

Diagnosed rock

33

145

GRROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

yes

no

Y

N

TYPE OF GROUTING MATERIAL

CEMENT

CM

BENTONITE CLAY

BC

NO. OF BAGS

8

NO. OF POUNDS

152

GALLONS OF WATER

48

DEPTH OF GROUT SEAL (to nearest foot)

from

0

ft. to

30

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

ST

Nominal diameter
top (main) casing
(nearest inch)

6

Total depth
of main casing
(nearest foot)

37

OTHER CASING (if used)
diameter (inch)

depth (feet)
from

to

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
below

ST

BR

HO

STEEL

BRASS

OPEN

BRONZE

HOLE

PL

OT

PLASTIC

OTHER

DEPTH (nearest ft.)

40

36

145

EACH SCREEN

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)

56

60

GRAVEL PACK

IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68

68

OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

WQ

70

72

74

75

76

TELESCOPE CASING

LOG INDICATOR

OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour)

3

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

10

METHOD USED TO
MEASURE PUMPING RATE

bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

35

WHEN PUMPING

37

TYPE OF PUMP USED (for test)

A

P

T

air

piston

turbine

C

R

O

centrifugal

rotary

other
(describe
below)

J

S

jet

submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES 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:

29

CAPACITY:
GALLONS PER MINUTE
(to nearest gallon)

31

35

PUMP HORSE POWER

37

41

PUMP COLUMN LENGTH
(nearest ft.)

43

47

CASING HEIGHT (circle appropriate box
and enter casing height)

+

above

LAND SURFACE

below

(nearest foot)

50

51

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)

326.00'

660.00'

40' well