

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50159  
A 18328  
A REPAIR

DISTRICT 3rd

DATE 7/20/94

DATE SYSTEM APPROVED 8/12/94

INSPECTOR DKS

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

# 314859

INDEXED

Bill Ingram/Farm & Home Excavating IS PERMITTED TO INSTALL ALTER X

ADDRESS 901 Driver Road, Marriottsville, Maryland 21104 PHONE 442-2139

SUBDIVISION Gwenlee Estates, Sec. 1 LOT 4, Blk A ROAD 3299 Ken Allen Court

PROPERTY OWNER Anthony J. & Dianne Tvarunas

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

125 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 100

**BUILDING PERMIT SIGNED  
AND RETURNED**

*12-5-02 B00189584 - PRO Anne TAVIK*

REPAIR - PURPOSE - DRYWELL HAS FAILED.

Call for inspection when ground is opened so sanitarian can recommend repair. 07/13/94

*7/20/94 Trench 2' wide; [Trench] 2-(50" dia) or 1(100")  
100' off 100' dia well; inlet 5' below  
original grades; Max. depth 10'; 500 sq ft effective  
area near dry well; dry well to be used as best bet if  
possible; Final grades to keep water 15' to 20' off exist*

PLANS APPROVED BY *CB for CW* DATE 7/20/94

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

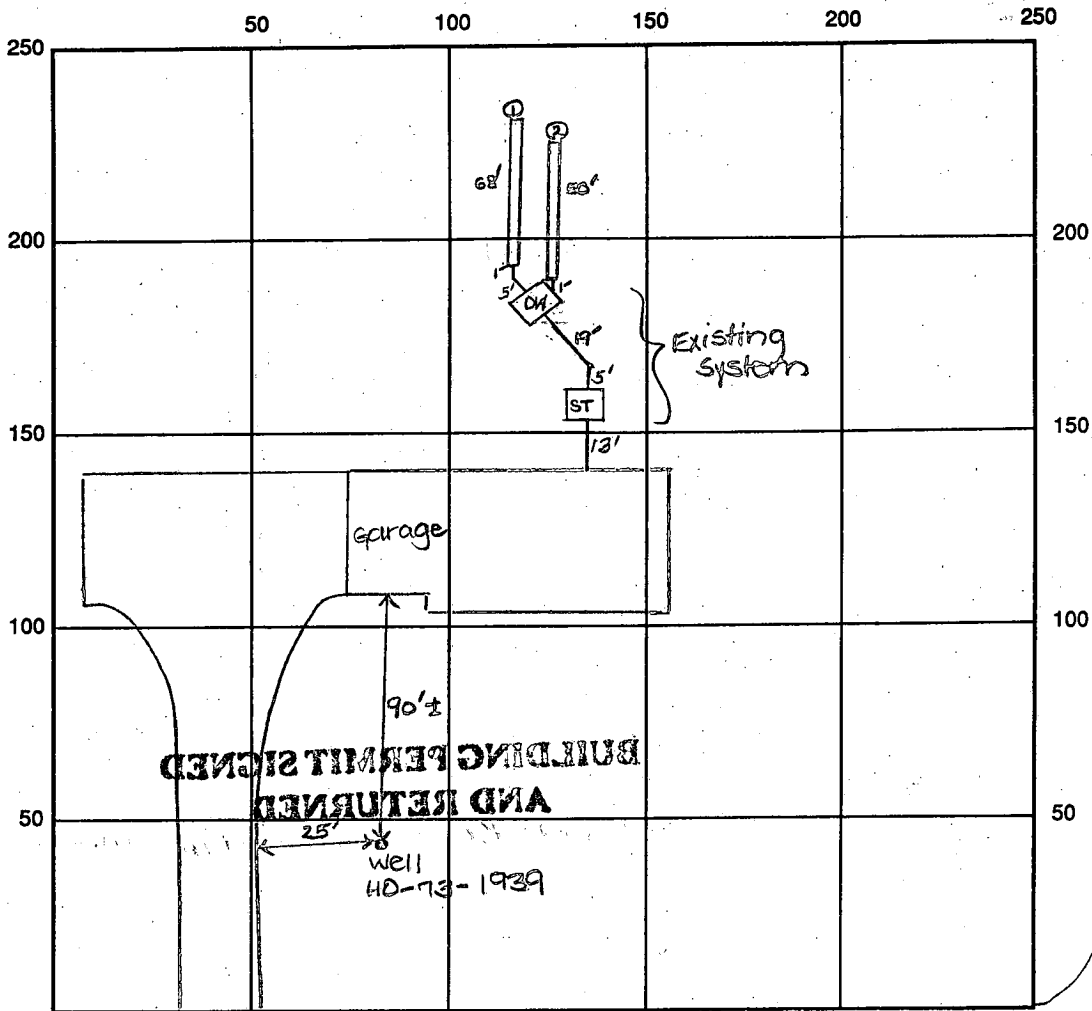
PERMIT VOID AFTER TWO YEARS

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**

*P 50159*



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
Ken Allen Court

SEPTIC TANK LEVEL Existing CLEANOUTS Existing

DISTRIBUTION BOX LEVEL N/A

DRAIN FIELD/TILE DEPTH ① 10.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH ① 5.5 FT.  
② 11.0 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH ① 68' FT. ② 50' FT. → 118' total

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 590 SQ. FT.

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

ABSORBENT AREA 590 SQ. FT. + Existing

REMARKS: 8/12/94 OK to continue work. OK to cover trench ① and stone trench ②. DKS

8/12/94 P.M. OK to cover all work. DKS

DATE SYSTEM APPROVED 8/12/94

INSPECTOR Donald J. Sol

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

INDEXED

DATE 11/4/77

*File*

*12/19/77*  
P 27166 P.C.O.  
A 18328 *stay all*  
*12/22/77*  
*wood*  
F.C.O.

Francis L. Bollinger IS PERMITTED TO INSTALL  ALTER

ADDRESS 1345 Bollinger Rd. Westminster, Md. PHONE 848-6527

A SEWAGE DISPOSAL SYSTEM LOCATED AT \_\_\_\_\_

SUBDIVISION Gwenlee Estates Sec. 1 ROAD 3299 Ken Allen Court ~~Burntwoods Rd.~~ LOT 4, Blk. A, Sec. 1

PROPERTY OWNER Larry E. Cooper (454-3136) - College Park

ADDRESS Anthony J & Dianvie M. ~~Franklin~~  
TVARKUNAS

SPECIFICATIONS 4 bedrooms (2 now and 2 later)

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

SEEPAGE PITS \_\_\_\_\_ ABSORBENT SIDE-WALL AREA \_\_\_\_\_ SQ. FT.

SEPTIC TANK CAPACITY 1250 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER DRY WELL - 500 sq. ft. absorbent sidewall area to begin below the first 5 ft. of non-porpus soil. Maximum depth is 12½ ft.. Locate dry well 122 ft. from left side line and 100 ft. from lot line that is 180 ft. long as seen from Ct.

NOTE: NO DRY WELL IS TO EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON. PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 ONCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

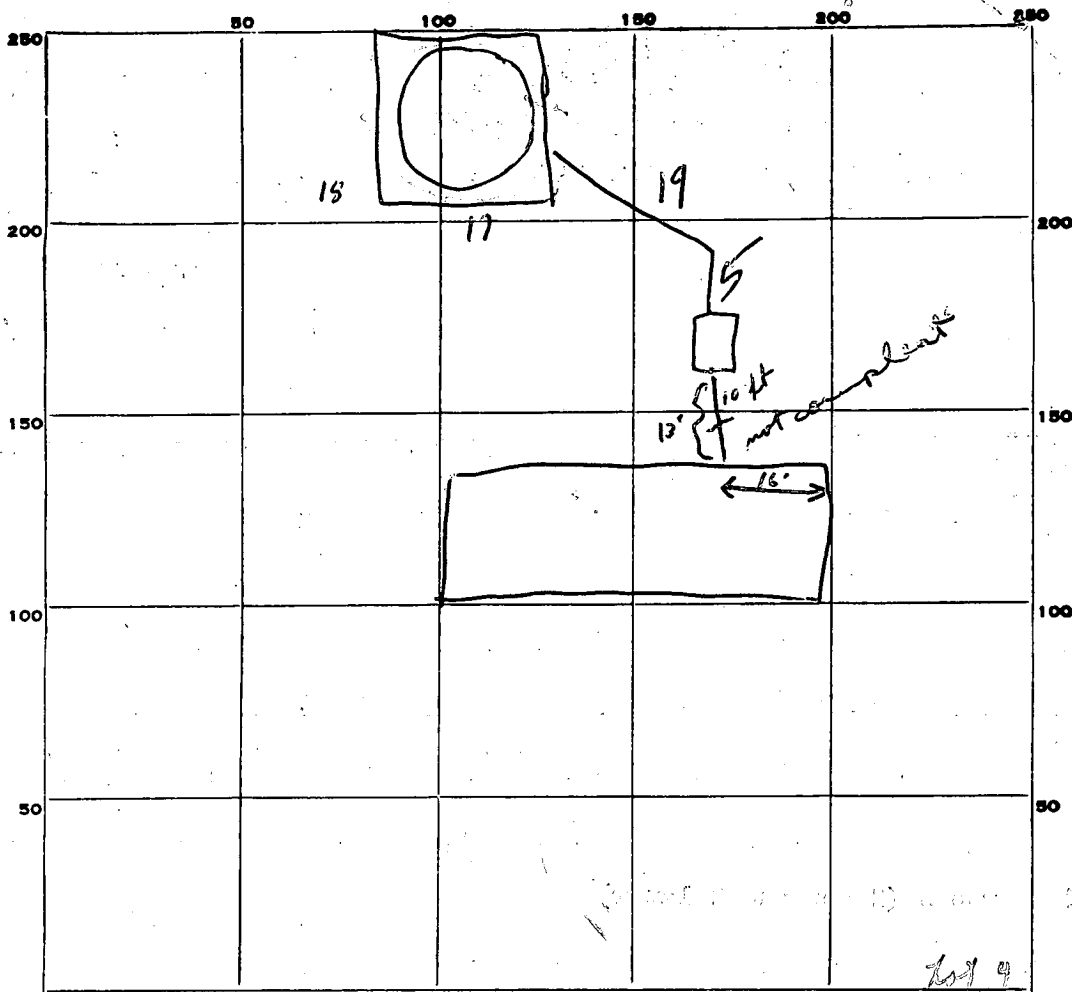
PLANS APPROVED BY Robert V. Torre DATE 2/7/74

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

BUDG. PERMIT SIGNED AND RETURNED 3/15/89  
Serial # 24056  
addition mudroom  
2 car garage

*18328*



PERMIT CARD

12/22/99  
Yes

Rd. stay all work  
(left new car out there)

SEPTIC TANK, LEVEL

CLEANOUTS

ST or DW

DISTRIBUTION BOX, LEVEL

NA

TILE FIELD, DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT.

GRAVEL DEPTH \_\_\_\_\_ IN. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ TOTAL BOTTOM AREA \_\_\_\_\_

SEEPAGE PITS, INSIDE DIAMETER 70' FT. DEPTH BELOW INLET 7 1/2' FT.

70  
1/5 to 12 1/2  
7.5

ABSORBENT AREA 525 ± SQ. FT.

490  
35  
525

REMARKS Need house connection DW exceeds 15 ft depth

not checked (cleanout sealed) RAB → Dec 77

12/17/99 checked house connection - all under water

stop all work hold til pumped out partial. + dry well area

A.M. 12/22/99 Received call from Bohlinger - F.F. check in area checked - C.B.D.

M.B. found - pipe dry & measured to house; Dry well depth checked!!

DATE SYSTEM APPROVED

12/22/99

INSPECTOR

C. B. Sturken + M. B.

as above

PRELIMINARY

# APPLICATION

A 18328

Serial No. 32913

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

Septic Tank - 1250 gal. DISTRICT 3rd

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-8000, EXT. 356

Dry Well - 500 sq.

DATE April 18, 1973

*absorbent sidewalk area to begin below the  
first 5 ft of non porous soil. Make depth is 12 ft.  
Locate dry well 122 ft from left side line and  
112 ft from lot line that is 180 ft long as seen  
from Ct.*

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 W. L. Boring

ADDRESS Burntwoods Road PHONE 465-2483

PROPERTY LOCATION: Glenwood, Md.

SUBDIVISION Gwenlee Estates Sec. 1 LOT NO. 4, Blk. A, Sect. 1

ROAD AND DESCRIPTION Burntwoods Rd. west of Sharp Rd.

Road @ "A"

SIZE OF LOT 150' x 300' ~~xxxxxxx~~ 56,250 sq. ft. TYPE BLDG. 3 or 4 bedrooms  
single family dwelling  
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 /s/ John A. Boender BLDG. PERMIT SIGNED AND RETURNED 7/28/77

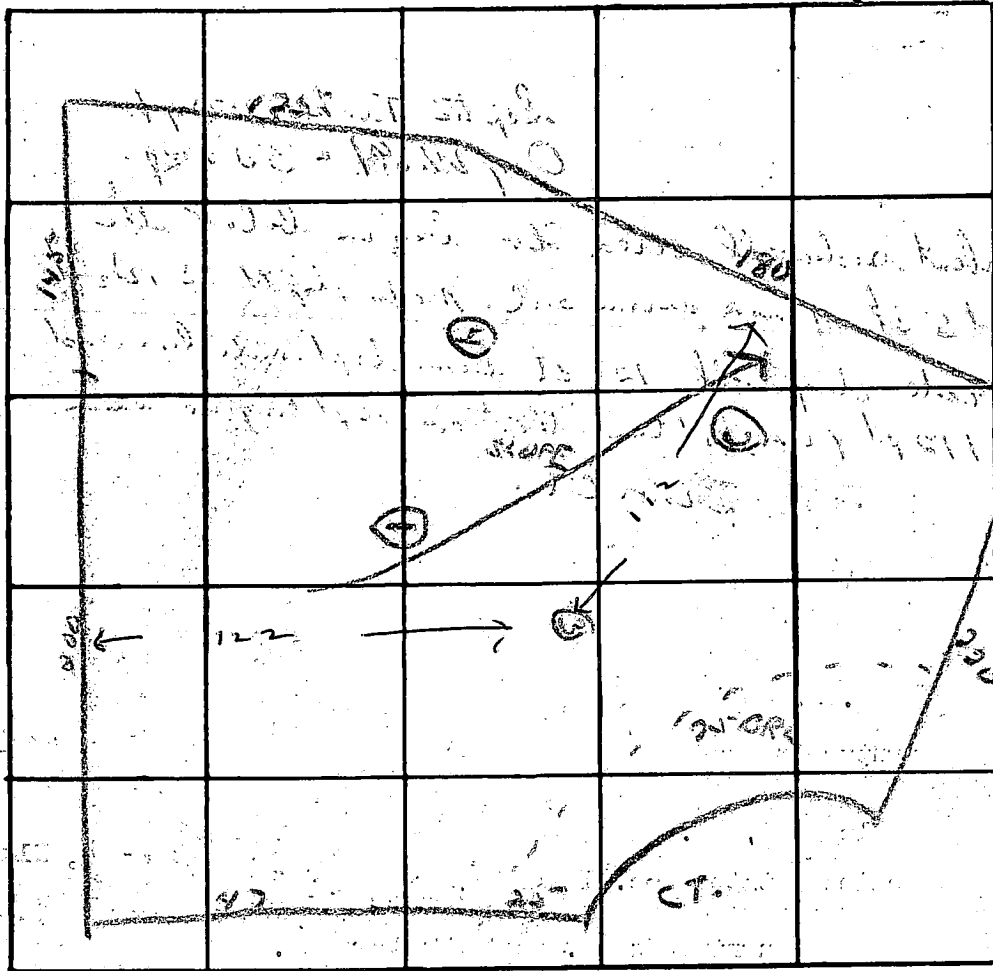
APPROVED BY Robert V. Tare FOR Dry Well DATE 2/7/74  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



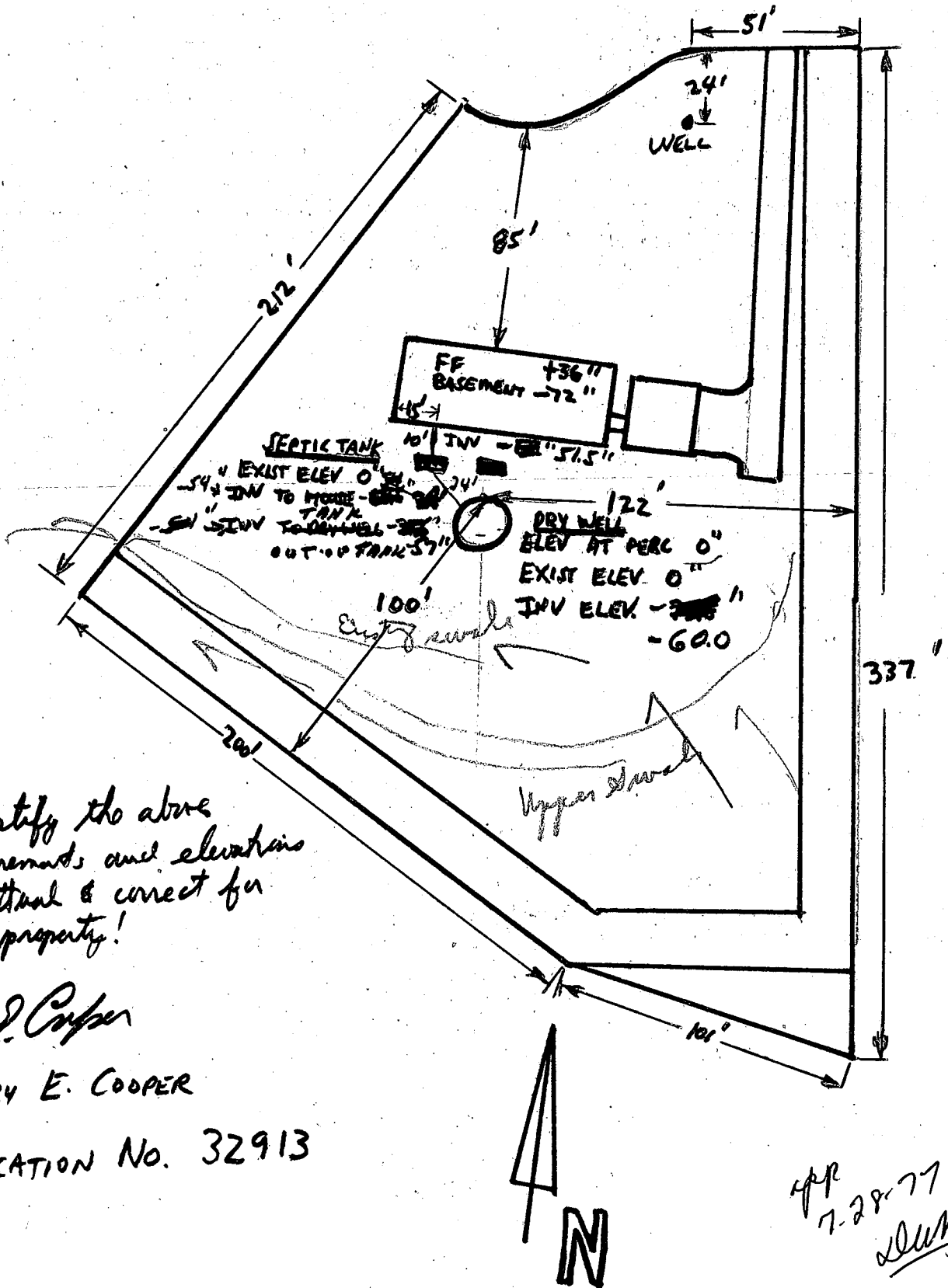
INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/29/53	1	5 ft	9 <sup>56</sup>	10 <sup>04</sup>	10 <sup>04</sup>	10 <sup>13</sup>	9 min
	2A	10 ft	9 <sup>59</sup>	10 <sup>03</sup>	10 <sup>03</sup>	10 <sup>08</sup>	5 min
	2	13 ft	10 <sup>10</sup>	10 <sup>13</sup>	10 <sup>13</sup>	10 <sup>17</sup>	4 min
	2A	5 ft	10 <sup>10</sup>	10 <sup>09</sup>	10 <sup>11</sup>	10 <sup>22</sup>	8 min
	3	12 ft	same	same			
	4	12 ft	same	same			

REMARKS

R.T.

TYPE OF SOIL



I certify the above measurements and elevations are actual & correct for this property!

*Larry E. Cooper*

LARRY E. COOPER

APPLICATION No. 32913

APR  
 7-28-77  
*[Signature]*

B 1 2786

SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL

A18325

WRA PERMIT NUMBER

HO731939

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)

4/29/77 9:30 A.M.

OWNER

COL 15 LAST NAME

FIRST NAME

COL. 34

STREET OR RFD

COL 36

COL. 55

POST OFFICE

COL 57

COL. 76

B 1 CONTINUED

DRILLER INFORMATION

B 3

LOCATION OF WELL

1 2 3 (SEQ. NO.) 6

1 2 3 (SEQ. NO.) 6

DATE: 3/15/77 LICENSE NUMBER: 42

COUNTY: Howard

SUBDIVISION: (DO NOT ABBREVIATE COUNTY NAME)

FIRST NAME: L. F. Castedat DRILLER LAST NAME: L. F. Castedat

SECTION: 1 LOT: 4

NEAREST TOWN: Gladly

SIGNATURE: L. F. Castedat

MILES FROM TOWN (ENTER 0 IF IN TOWN): 3

B 2

WELL INFORMATION

B 4

DIRECTION FROM TOWN

1 2 3 (SEQ. NO.) 6

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 5

(CIRCLE APPROPRIATE BOX)

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 600

N NORTH E EAST NE NORTHEAST SE SOUTHEAST

S SOUTH W WEST NW NORTHWEST SW SOUTHWEST

USE FOR WATER (CIRCLE APPROPRIATE BOX)

NEAR WHAT ROAD: Sharp

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 100

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING, AGRICULTURE, IRRIGATION

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT

M MUNICIPAL WATER SUPPLY

P PRIVATE WATER COMPANY

T TEST

MUST HAVE STATE HEALTH DEPT. APPROVAL

APPROXIMATE DEPTH OF WELL: 15 ft

APPROXIMATE DIAMETER OF WELL: 6" (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED) JETTED DRIVEN

AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)

CABLE REVERSE-ROTARY DRIVE-POINT

OTHER (DESCRIBE)

REPLACEMENT OR DEEPEMED 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

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

D 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 (WRA USE ONLY)

APPROPRIATION PERMIT NUMBER

ENGINEER REVIEW DISTRICT NO.

FORCE WRITE INITIALS IN BOX CONDITIONS

67 68 70 71 72 73 74 75 76 77 78 79

APPROPRIATION PERMIT NUMBER: 790

ENGINEER REVIEW DISTRICT NO.: 520

FORCE: [ ] WRITE INITIALS IN BOX: [ ] CONDITIONS: [ ]

67 68 70 71 72 73 74 75 76 77 78 79

B 4 CONTINUED

HEALTH DEPARTMENT APPROVAL

NORTH COORDINATE: 525000

1 2 3 (SEQ. NO.) 6

EAST COORDINATE: 079-000

41 S STATE HEALTH (CIRCLE BOX)

57 58 59 60 61 62 63

HOWARD COUNTY NAME

ELEVATION AT WELL HEAD (FEET)

DATE: 3 11 77

65 66 67 68

APPROVED BY: Fred Frommelt, Sanitarian

43 48

SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

8



C 1 **4475** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY) 4-29-79

DATE WELL COMPLETED 120

8-13 15 20

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
HO-73-1939

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 82

OWNER COOPER LARRY LAST NAME FIRST NAME GLENWOOD Mch

STREET OR RFD 14220 Dawnwoods Rd. POST OFFICE

**WELL LOG**

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top Soil	0	2	
Shale	2	35	
Brown Slate	35	40	
Blue Slate	40	120	✓

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  BENTONITE CLAY

NO. OF BAGS 10 NO. OF POUNDS 100

GALLONS OF WATER 52

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 42 FT.

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE   
 PLASTIC  OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 45

**OTHER CASING (IF USED)**

DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_

**SCREEN RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE   
 PLASTIC  OTHER

**DEPTH (NEAREST WHOLE FOOT)**

FROM 47 TO 120

1 2 3 (SEQ. NO.) 6

1 40 8 9 11 15 17 21

2 \_\_\_\_\_ 23 24 26 30 32 36

3 \_\_\_\_\_ 38 39 41 45 47 51

SLOT SIZE 1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM \_\_\_\_\_ TO \_\_\_\_\_

GRAVEL PACK \_\_\_\_\_

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX  68  F

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

T (E.R.O.S.)  70  72  74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER-MINUTE TO NEAREST GALLON) 25

METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 40 (NEAREST FOOT)  
 WHEN PUMPING 120 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST):  
 AIR  PISTON  TURBINE  
 CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)  
 JET  SUBMERSIBLE

**PUMP INSTALLED**

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)  29

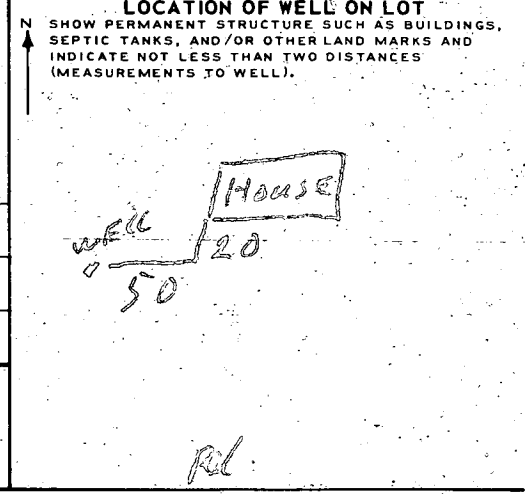
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  YES  NO

CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) \_\_\_\_\_ 31 \_\_\_\_\_ 35

PUMP HORSE POWER \_\_\_\_\_ 37 \_\_\_\_\_ 41

PUMP COLUMN LENGTH (NEAREST FOOT) \_\_\_\_\_ 43 \_\_\_\_\_ 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
 ABOVE } LAND SURFACE  
 BELOW } 2 (NEAREST FOOT)



**CIRCLE APPROPRIATE BOXES**

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

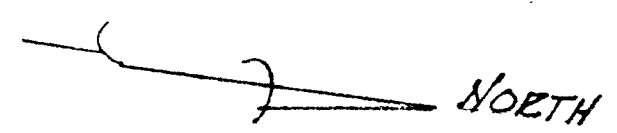
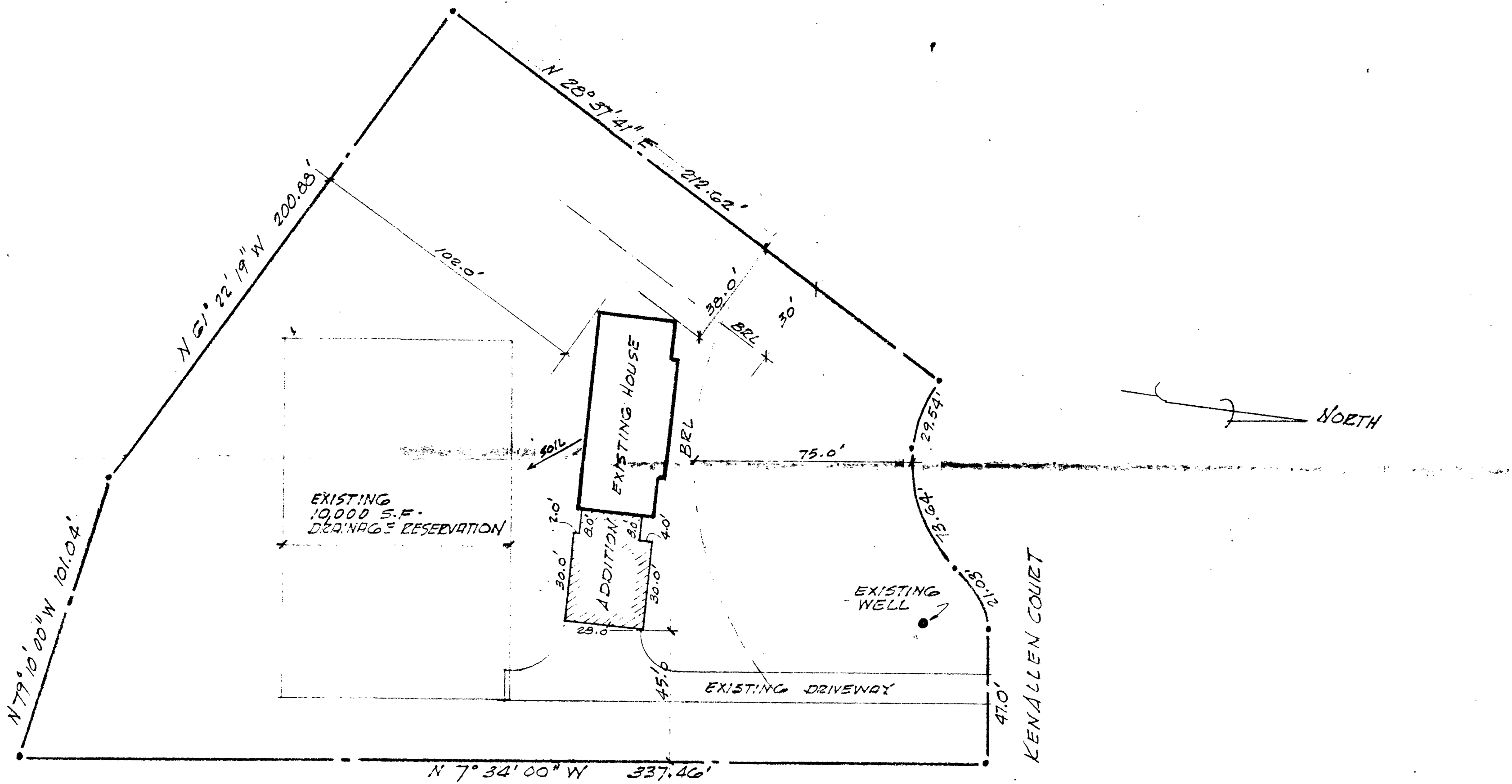
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME

(PLEASE PRINT) L. E. Eusterman

SIGNATURE [Signature]



SITE PLAN  
1" = 30'

31 15189  
OL70 SIGN  
R/H

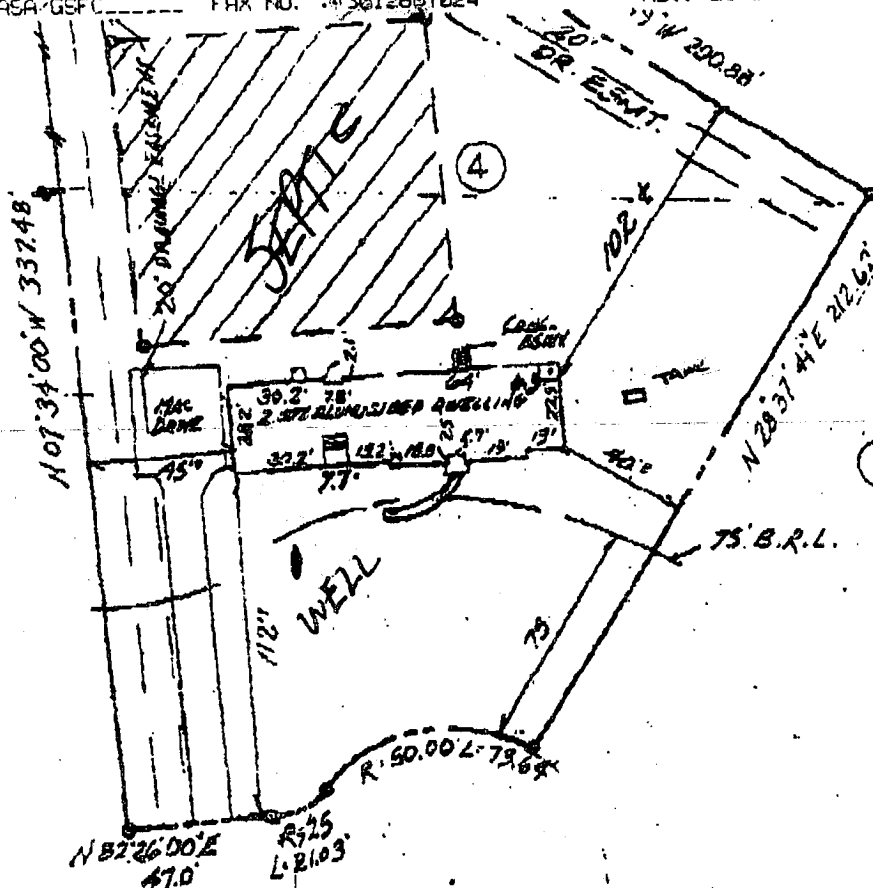
FROM : Corning\_Constr\_HASA\_GSFC

FAX NO. : 3012867024

Nov. 21 2002 11:47AM P2

12-5-02  
Prop. Tank  
Location  
Okay (KN)

800139584



KENALLEN COURT

DEED REFERENCE: 1913/0614

- 1.) The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer financing or re-financing.
- 2.) The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements.
- 3.) The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing title loans or refinancing.
- 4.) I have examined Flood Insurance Rate Map Panel Number 24004-0020B for the subject property and it appears to be within zone C per said map.
- 5.) Dimensions shown to apparent lot line are ± 2'.
- 6.) Date of field work: 5/16/02

LOT 4 BLOCK 'A'  
GWENLEE ESTATES (26/4)  
SECTION 1  
3<sup>RD</sup> & 4<sup>TH</sup> ELECTION DISTRICT  
HOWARD COUNTY, MD.

LOCATION DRAWING



#3299 KENALLEN COURT  
**J.S. DALLAS, INC.**  
 Surveying & Engineering  
 13523 Long Green Pike  
 Baldwin, MD. 21013  
 (410) 817-4600

Date: 5/16/02  
 Scale: 1"=50'  
 Job Number: G-721  
 Drawn By: P.M.B.  
 Checked By: JSD

1000

D99987

Scale in feet

DATE PLOTTED