

PERMIT

P 514267-B

SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH 410-313-2640

A REPAIR

ISSUE DATE 9/20/2000

APPROVAL DATE 10/4/00

RPS#
310691

INDEXED

SOUTH CARROLL BACKHOE, INC. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-4197

SUBDIVISION Daisy Hill Estates LOT NUMBER .5 ADDRESS 15884 Union Chapel Road

PROPERTY OWNER Dave Enders PROPERTY OWNER'S ADDRESS Same

SEPTIC TANK CAPACITY 1500 ^{Top Second} Gallons (New)

PUMP CHAMBER CAPACITY _____ GALLONS

NUMBER OF BEDROOMS 5 bedroom existing

SQUARE FEET PER BEDROOM _____

LINEAR FEET OF TRENCH REQUIRED _____

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

REMARKS: _____

REPAIR - PURPOSE - To accomodate addition
Existing septic system has failed.

Call for inspection when ground is opened so sanitarian can recommend repair. 9/14/00

Replacement of Septic Tank only. R/R 10/4/00

PLANS APPROVED _____ DATE _____

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

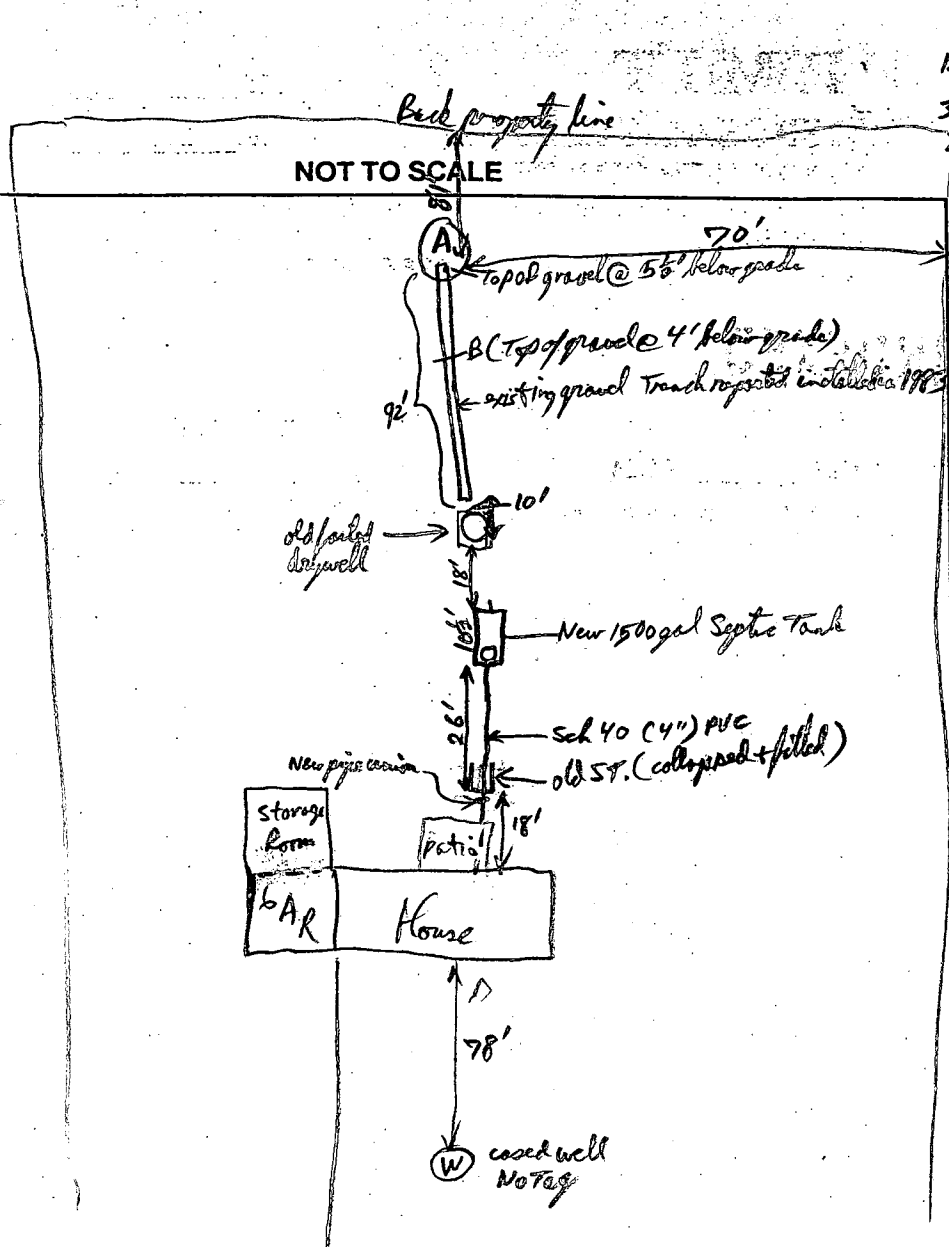
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

**ALL PERMITS SIGNED
AND RETURNED 10/26/2000**
BO 0127159
2 STORY ADDITION (ENLARGE
KITCHEN + BATH)

**ALL PERMITS SIGNED
AND RETURNED 3-28-02**
DECK 14 X 40

514267-B



Test Hole A
 1' dark tan HL
 2' yellow CL
 3' red tan HL
 4' massive gravel
 5' yellow - blackish HL
 6' mass L-SL
 7' massive gravel
 8' massive gravel
 9' massive gravel
 10' massive gravel
 11' massive gravel
 12' massive gravel
 13' massive gravel
 14' massive gravel
 15' massive gravel
 16' massive gravel
 17' massive gravel
 18' massive gravel
 19' massive gravel
 20' massive gravel
 21' massive gravel
 22' massive gravel
 23' massive gravel
 24' massive gravel
 25' massive gravel
 26' massive gravel
 27' massive gravel
 28' massive gravel
 29' massive gravel
 30' massive gravel
 31' massive gravel
 32' massive gravel
 33' massive gravel
 34' massive gravel
 35' massive gravel
 36' massive gravel
 37' massive gravel
 38' massive gravel
 39' massive gravel
 40' massive gravel
 41' massive gravel
 42' massive gravel
 43' massive gravel
 44' massive gravel
 45' massive gravel
 46' massive gravel
 47' massive gravel
 48' massive gravel
 49' massive gravel
 50' massive gravel
 51' massive gravel
 52' massive gravel
 53' massive gravel
 54' massive gravel
 55' massive gravel
 56' massive gravel
 57' massive gravel
 58' massive gravel
 59' massive gravel
 60' massive gravel
 61' massive gravel
 62' massive gravel
 63' massive gravel
 64' massive gravel
 65' massive gravel
 66' massive gravel
 67' massive gravel
 68' massive gravel
 69' massive gravel
 70' massive gravel
 71' massive gravel
 72' massive gravel
 73' massive gravel
 74' massive gravel
 75' massive gravel
 76' massive gravel
 77' massive gravel
 78' massive gravel
 79' massive gravel
 80' massive gravel
 81' massive gravel
 82' massive gravel
 83' massive gravel
 84' massive gravel
 85' massive gravel
 86' massive gravel
 87' massive gravel
 88' massive gravel
 89' massive gravel
 90' massive gravel
 91' massive gravel
 92' massive gravel
 93' massive gravel
 94' massive gravel
 95' massive gravel
 96' massive gravel
 97' massive gravel
 98' massive gravel
 99' massive gravel
 100' massive gravel

TRENCH DATA existing

TRENCH WIDTH 3'

TRENCH INLET DEPTH man 4 1/2' - 6'

TRENCH BOTTOM DEPTH _____

DEPTH OF STONE _____

NUMBER OF TRENCHES _____

TOTAL TRENCH LENGTH 92'

ABSORBENT AREA _____

DISTRIBUTION BOX LEVEL _____

BAFFLE IN DISTRIBUTION BOX _____

SEPTIC TANK DATA

SEPTIC TANK New 1500 Top Second GALLONS

MANHOLE RISER 3 1/2'

6 INCH INSPECTION PORT _____

PUMP CHAMBER DATA

PUMP CHAMBER GALLONS _____

MANHOLE RISER _____

ALARM _____

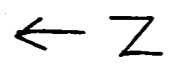
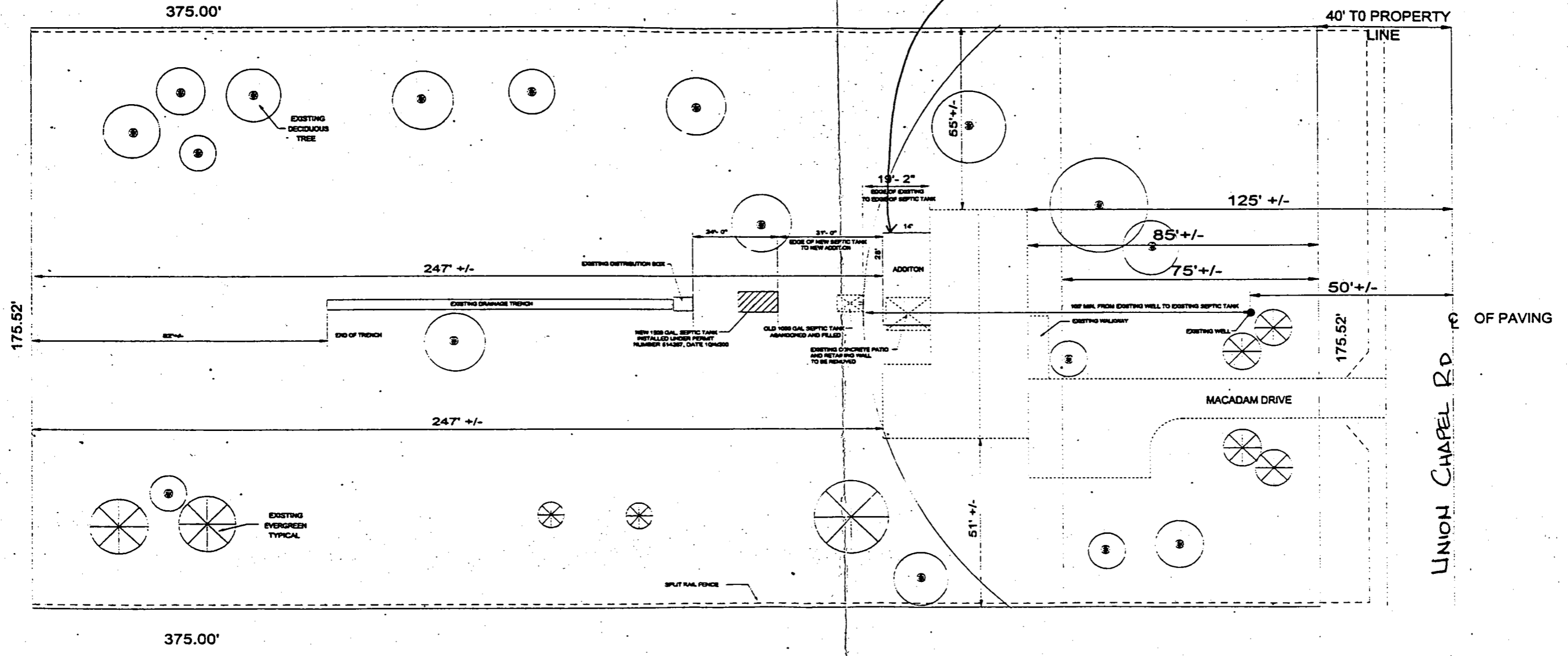
PUMP PERFORMANCE TEST _____

PRE-CONSTRUCTION INSPECTION: old drywell had no inspection clearance, excavated to hit then gravel on side of DW. was full of sewage water to top of lid. Owner claim's Fryck put in a repair septic trench, we have

INSPECTION COMMENTS: No record of this repair. (Mike & Fryck knew of this repair). Found clean dry gravel at Midway and @ end of repair trench, Excavated 14 ft deep 2 ft past end of gravel trench, No water seepage observed. Conclusion: Repair gravel trench is still in functional order. Only need replacement of Septic Tank and connecting pipe. OK to continue & cover all work when finished. April 11/10

INSPECTOR [Signature] DATE SYSTEM APPROVED 10/4/00

Proposed addition has
no impact to well or septic
OK SRK 10/26/00



Date:	10/17/00
Drawn By:	DDE
Checked By:	DDE
Project No.:	ADD
Project:	ENDERS RESIDENCE ADDITION 15884 UNION CHAPEL ROAD, WOODBINE, MD LOT 5, DAISSY HILLCRESTS
Client:	ENDERS FAMILY HOWARD COUNTY MARYLAND
Title:	PLOT PLAN 1.5 ACRES (65,840 SF)
Revisions	Mark Date By

PLOT

REPAIR WAS DONE IN APRIL 1981 - but record could not be located (P31306 A REPAIR)

PERMIT
SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY
DISTRICT 300

DATE 11/27/70 1970

VOID

Howard Sewer Service

IS PERMITTED TO INSTALL ALTER

ADDRESS Box 44, Sandy Springs, Md.

PHONE 421-1003

SEWAGE DISPOSAL SYSTEM LOCATED AT _____

DIVISION Delroy Hill Estates

15804
ROAD Union Chapel Road - 370, Lot 3
1/2 mi. east of Delroy Road

PROPERTY OWNER Starna F. Paul et al. Dwight Fletcher

ADDRESS 1151 University Blvd., W. Silver Spring, Md. 20902

15804 Union Chapel Rd
Woodbine, Maryland 21797

REQUIREMENTS 3 bedrooms

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEWAGE PITS _____ ADJACENT SIDEWALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 1000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 225 & TANK CAPACITY 500.

OTHER DRY WELL - To be 320 sq. ft. of adjacent sidewalk area below inlet
pipe. Maximum depth of dry well to be 11 ft. below original grade.
Inlet pipe to begin 4 ft. below original grade. Locate system 100 ft.
from front property line and 25 ft. from left side line as lot is now
standing on Union Chapel Road facing lot.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL FOUR INCH DRAIN PIPE ON SEPTIC TANK AND DRY WELL.

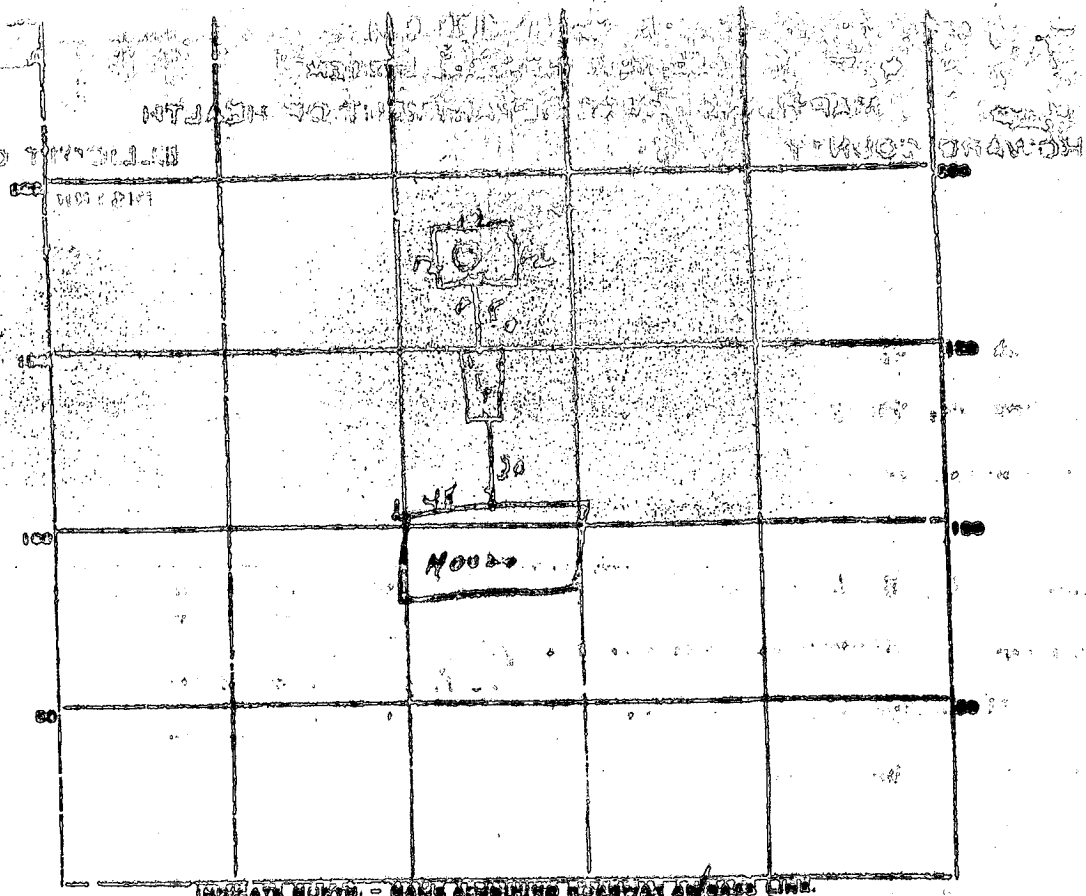
APPROVED BY James F. Wright

DATE 10/29/70

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

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

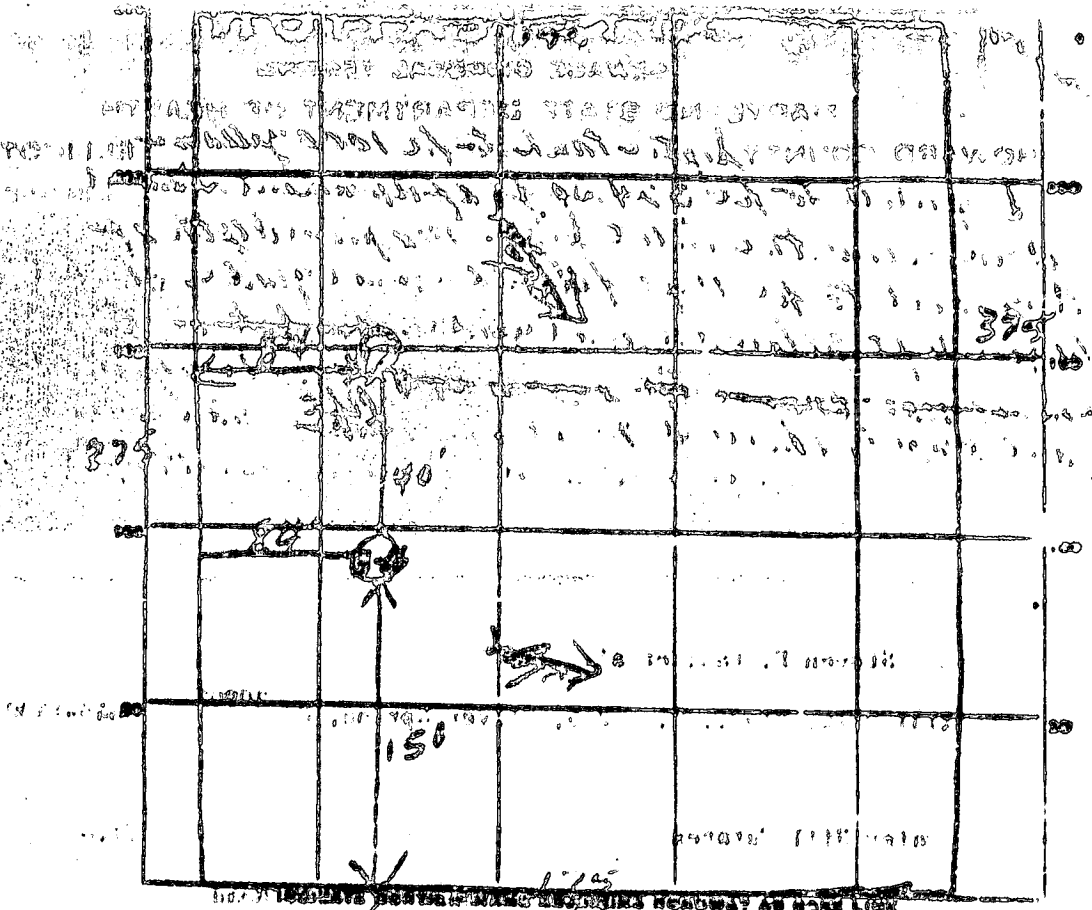
BLDG. PERMIT SIGNED
AND RETURNED 11/23
Small # 58770
Storage Shed Off
Garage



PERMIT CARD 615
 SEPTIC TANK, LEVEL 0.7 CLEARCUTO 0.12
 DISTRIBUTION BOX, LEVEL _____
 TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.
 GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.
 NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____
 DEEPAGE PITS, INSIDE DIAMETER Permb 50 FT. DEPTH BELOW INLET 6 1/2 FT.
 ABSORBENT AREA 325 SQ. FT.

REMARKS _____

 DATE SYSTEM APPROVED 3-21-73 INSPECTOR [Signature]



161100 - Camp Rd

DATE	TEST NO.	DEPTH	PER. WET		TEST. 1" DROP		TIME
			START	STOP	START	STOP	
10/2/58	1	10'	10 ⁰⁰	10 ⁰⁰	10 ⁰⁵	10 ⁰⁸	5m
	2	4'	10 ⁰⁵	10 ⁰⁵	10 ⁰⁸	10 ¹⁰	14
	3	10'	10 ⁰⁸	10 ⁰⁸	10 ⁰⁸	10 ²⁰	12
	4	4'	10 ⁰⁸	10 ²¹	10 ²¹	10 ³⁶	15

CON. ABOVE PERFORMED 2-4' intervals for 12-6-58

TESTED BY *[Signature]*

DATE

TEST NO.

DEPTH

PER. WET

DEPTH OF WELL 100
 (TO NEAREST FOOT)
 PERMIT NO. FOR "PERMIT TO DRILL WELL" 37-2-1378
 DRILLER IDENTIFICATION NO. 42

OWNER Carroll Steese
 STREET OR RFD 12034 Carroll St
 POST OFFICE Whitewater

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		LAYER OF SAND OR GRAVEL
	FROM	TO	
<u>Top Soil</u>	<u>0</u>	<u>3</u>	
<u>Loam</u>	<u>3</u>	<u>100</u>	
<u>Loam with G</u>	<u>80</u>	<u>100</u>	
<u>Blue loam</u>	<u>100</u>	<u>120</u>	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

ELEMENT CM DC

NO. OF BAGS 11 NO. OF BOUNDS 1000

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 TO 75

(ENTER 0 IF FROM SURFACE)

CASING RECORD

(INSERT APPROPRIATE CODE BELOW)

STEEL PL CONCRETE OTHER

MAIN CASING TYPE 37

NOMINAL DIAMETER (NEAREST INCH) 6

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 23

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD

(INSERT APPROPRIATE CODE BELOW)

STEEL BRASS OPEN HOLE OR BROCK PL OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM _____ TO _____

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 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

DIAMETER OF SCREEN _____ NEAREST INCH

GRAVEL PACK _____

IS WELL DRILLER, WAS A WORKING WELL (CIRCLE BOX)

TELESCOPE CASING LOG INDICATOR

OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) _____

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) _____

METHOD USED TO MEASURE PUMPING RATE _____

WATER LEVEL (NEAREST FOOT) BEFORE PUMPING 120

WHEN PUMPING 120

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX FOR PUMPING TEST)

A1 A2 A3
 B1 B2 B3
 C1 C2 C3
 D1 D2 D3
 E1 E2 E3
 F1 F2 F3
 G1 G2 G3
 H1 H2 H3
 I1 I2 I3
 J1 J2 J3
 K1 K2 K3
 L1 L2 L3
 M1 M2 M3
 N1 N2 N3
 O1 O2 O3
 P1 P2 P3
 Q1 Q2 Q3
 R1 R2 R3
 S1 S2 S3
 T1 T2 T3
 U1 U2 U3
 V1 V2 V3
 W1 W2 W3
 X1 X2 X3
 Y1 Y2 Y3
 Z1 Z2 Z3

PUMP INSTALLED

TYPE OF PUMP (CIRCLE APPROPRIATE BOX)

COLLECTOR WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)

CAPACITY: _____

GALLONS PER MINUTE (TO NEAREST GALLON) _____

PUMP HORSE POWER _____

PUMP COLUMN LENGTH (NEAREST FOOT) _____

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER LAST TWO DIGITS)

ABOVE LAND SURFACE
 BELOW LAND SURFACE

2

LOCATION OF WELL ON

SHOW PERMANENT STRUCTURE, DEPTIC TANKS, AND/OR OTHER LANDMARKS. INDICATE NOT LESS THAN TWO HORIZONTAL MEASUREMENTS TO WELL.

CIRCLE APPROPRIATE BOXES

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.
 B ELECTRIC LOG OBTAINED.
 C TEST WELL CONVERTED TO PRODUCTION WELL.

I HEREBY CERTIFY THAT I HAVE COMPLETED 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.

DRILLER'S NAME _____

ISSUED DATE _____

SIGNATURE _____

4/8/71
a.m. if possible

approved 4/8/81
5 days
P 31306

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

A Repair

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th.

DATE 4/7/81
~~3/27/81~~

INDEXED

Jack Fyock IS PERMITTED TO INSTALL ALTER X

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION Daisy Hill Est. ROAD 15884 Union Chapel Road LOT 5

PROPERTY OWNER Mr. Fletcher David Enders

ADDRESS Union Chapel Road

SPECIFICATIONS 5 bedrooms

- SEPTIC TANK CAPACITY _____ GALLONS
- DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.
- DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.
- SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.
- INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE
- EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.
- LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

REpair - Call for inspection when ground is opened up so sanitarian can recommend repair.

Trench - 90' long, 12' deep, 8' gravel
Need 5' buffer from drywell to beginning of trench

PLANS APPROVED BY Palmer F. Wine DATE 3/27/81

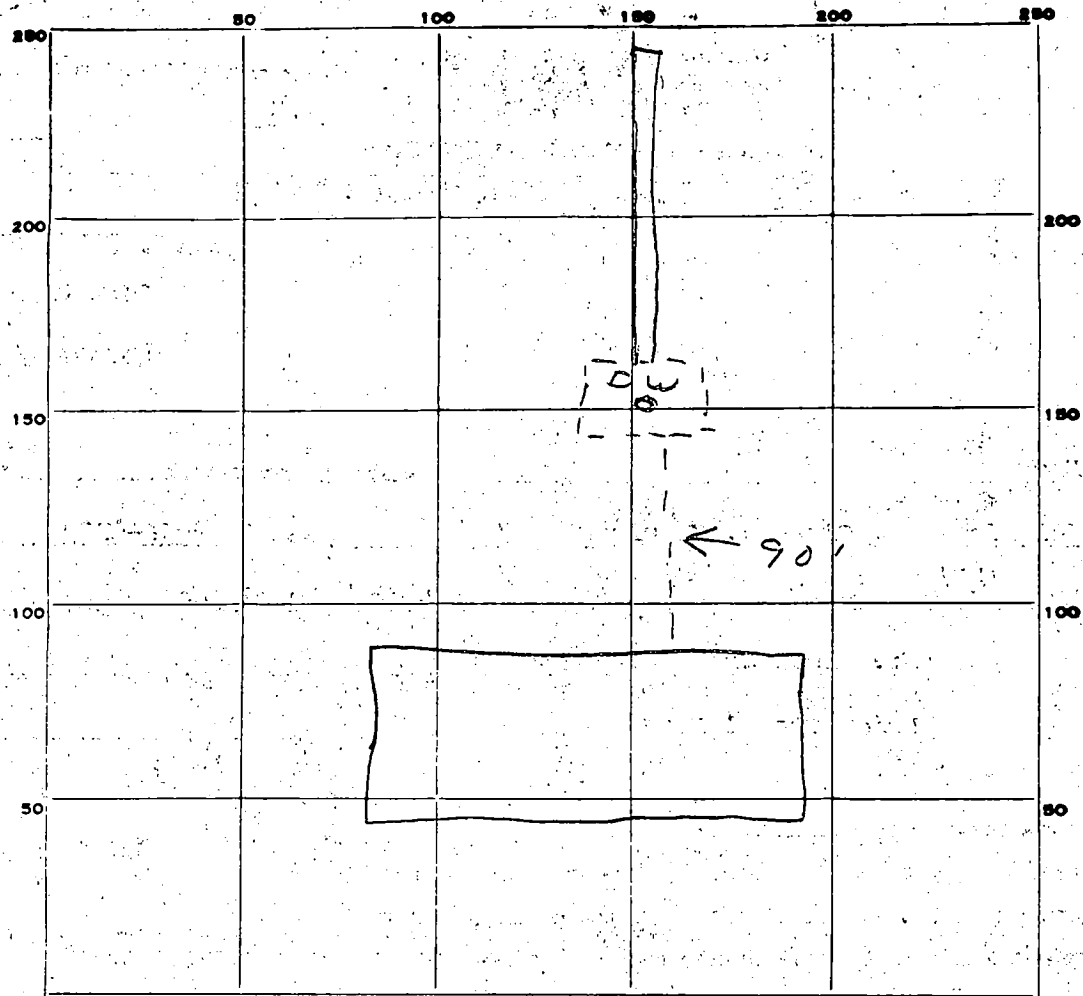
- COVER NO WORK UNTIL INSPECTED AND APPROVED.
- NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
- NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.
- NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.
- 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 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

P 31306

95
8

760



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Union Chapel

PERMIT CARD _____

SEPTIC TANK, LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 12 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 8' IN. TOTAL LENGTH 95 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 760

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 4/8/81 OK to add gravel in trench. js
4/8/81 OK to cover all work. js

DATE SYSTEM APPROVED 4/8/81 INSPECTOR Stayer

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 303

DATE 11/27/70

3/22/70 - Kelly

WICKED

Advanced Septic Service

IS PERMITTED TO INSTALL B ALTER.

ADDRESS Box 44, Sandy Springs, Md.

PHONE 431-1005

SEWAGE DISPOSAL SYSTEM LOCATED AT _____

SUBDIVISION Daisy Hill Estates

574
ROAD Union Chapel Road - 350 Lot 2
1/2 mi. east of Daisy Road

PROPERTY OWNER Steven P. Paul et al.

Dwight Fletcher

ADDRESS 1131 University Blvd., W., Silver Spring, Md. 20902

*1574 Union Chapel Rd
Woodburn, Maryland 21797*

SPECIFICATIONS 3 bedrooms

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 1000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 225 & TANK CAPACITY 500.

OTHER DRY WELL - 10 in dia, 10 ft. of absorbent sidewall area below inlet pipe. Maximum depth of dry well to be 11 ft. below original grade. Inlet pipe to begin 4 ft. below original grade. Locate system 100 ft. from front property line and 25 ft. from left side line as lot is used according to Union Chapel Road facing lot.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL FIVE INCH PIPE ON SEPTIC TANK AND DRY WELL.

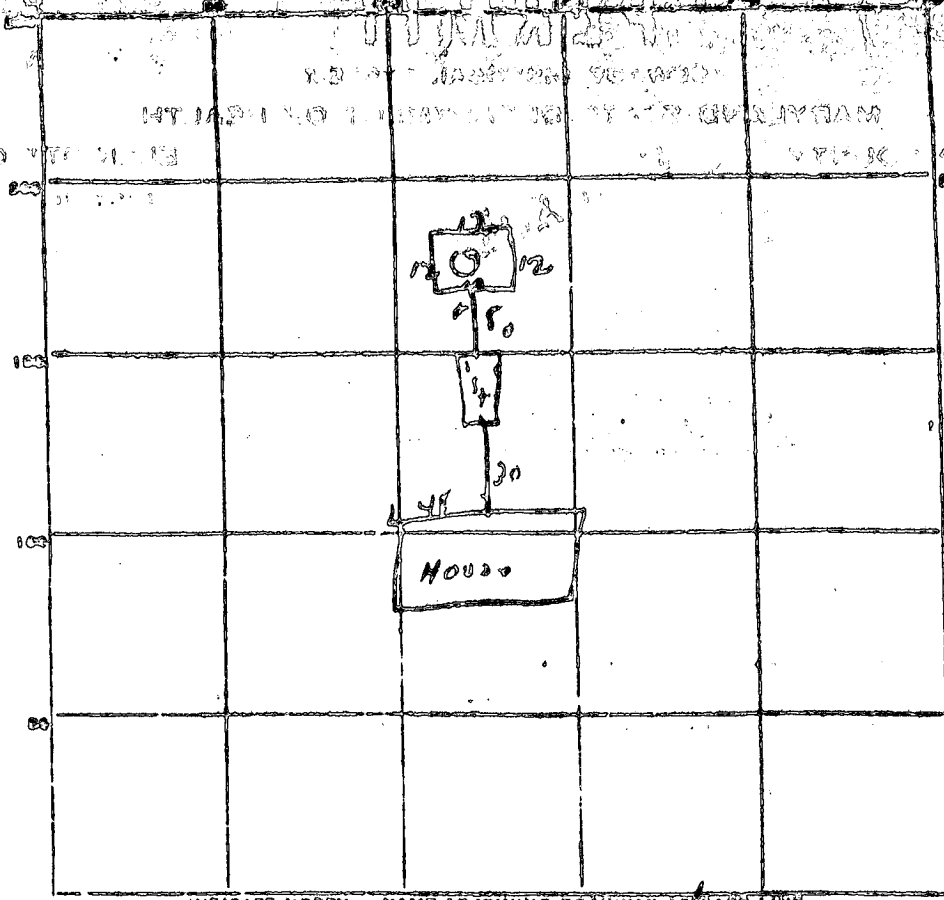
APPROVED BY James T. Wright

DATE 10/29/70

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

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

BLCG. PERMIT SIGNED
AND RETURNED *11/23*
Miss # 53770
Storage Shed off
CRAB...



INDICATE NORTH - NAME ADJOINING ROADWAY ACROSS LINE.

Union Chapel Rd

PERMIT CARD 014

SEPTIC TANK, LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

ESCAPE PITS, INCH DIAMETER 50 FT. DEPTH BELOW INLET 6 1/2 FT.

ABSORBENT AREA 325 SQ. FT.

REMARKS _____

SEPTIC SYSTEM APPROVED 3-21-75 INSPECTOR [Signature]

APPLICATION

A 15716

P _____

SEWAGE DISPOSAL TESTING

Relinquish

MARYLAND STATE DEPARTMENT OF HEALTH
HOWARD COUNTY *sent to be 1000 gallons* ELLICOTT CITY

*Dr well to be 324 sq ft of apartment situated
and below the inlet pipe. Maximum depth of
Dr well to be 11 ft below original grade. Inlet pipe to
be 4 ft below original grade. A sanitary sewer line
is shown on the plat to locate system 190 ft from
front property line and 85 ft from side line. As lot is
seen standing on Union Chapel Rd facing to*

DISTRICT 42
DATE 10/29/70

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT OR RECONSTRUCT A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER James F. Paul et al.

ADDRESS 1101 E. Main St., # 4015, Ellicott City, MD 21041 PHONE 349-1500

PROPERTY LOCATION:

SUBDIVISION Dunes Hill Estates LOT NO. 200

ROAD AND DESCRIPTION Union Chapel Rd, 150' east of Dunes Road

OCCUPANT None PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 62,475 sq. ft. TYPE BLDG None NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT James F. Paul

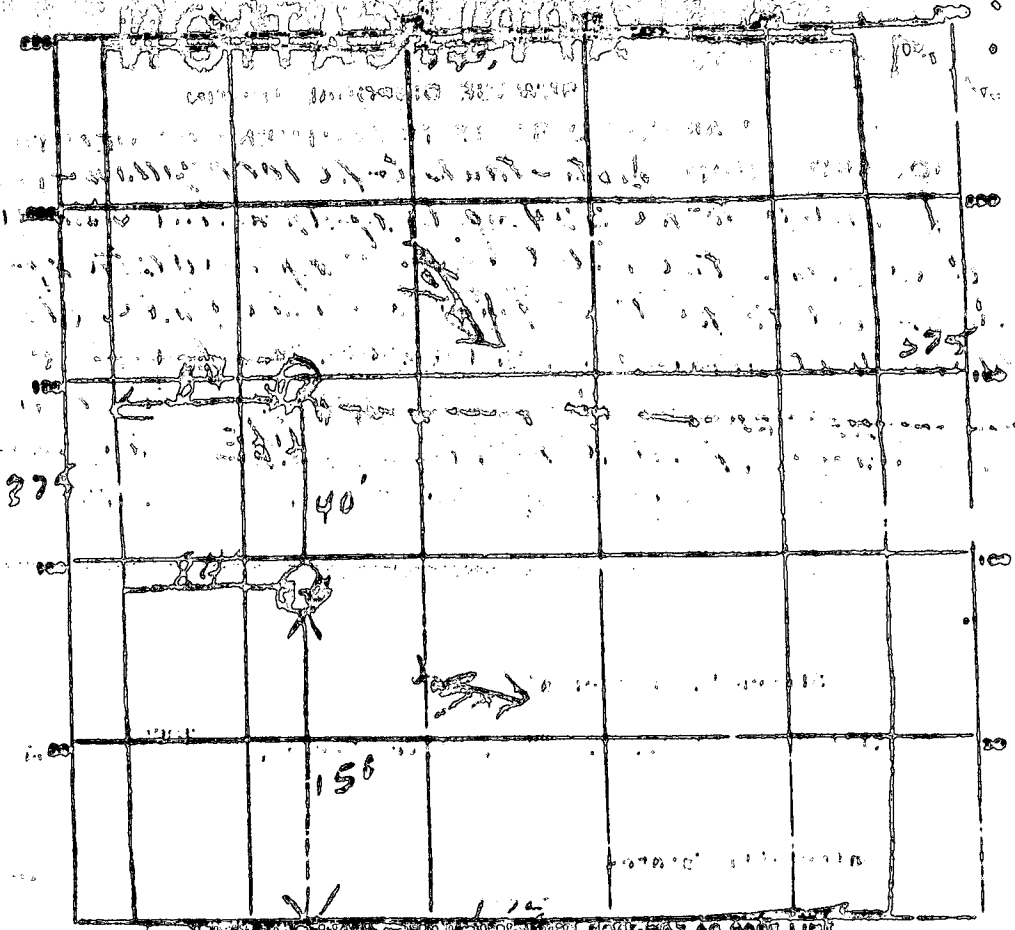
APPROVED BY James F. Wright FOR Dr well DATE 10/29/70
(TYPE OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(TYPE OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	SUS. WGT		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/2/54	1	10"	10 ⁰⁰	10 ⁰⁰	10 ⁰⁰	10 ⁰⁸	5 min
	2	4"	10 ⁰⁰	10 ⁰⁵	10 ⁰⁶	10 ²⁰	14
	3	10"	10 ⁰⁰	10 ⁰⁸	10 ⁰³	10 ²⁰	12 min
	4	4"	10 ⁰⁰	10 ²¹	10 ²¹	10 ³⁶	15

COIL AUGER FINDING Blades 2-4 inserted Aug 12-6-54

TESTED BY [Signature]

REMARKS _____

06849

ISSUANCE NO. 10-1-1955

STATE OF MARYLAND DEPARTMENT OF WATER RESOURCES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER A15585

DATE WELL COMPLETED

Nov 21 72

DEPTH OF WELL

120

PERMIT NO. FROM "PERMIT TO DRILL WELL"

70-120-0082

NAME OF WELL

Home Well

POST OFFICE

WELL LOG

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

DESCRIPTION OF FORMATION	PERM	THICKNESS	WATER BEARING
10	3		
20	5		
30			
40			
50			
60			
70			
80			
90			
100			
110			
120			

GRouting RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)

TYPE OF GROUTING MATERIAL (CIRCLE ONE)

CEMENT, BENTONITE SLAY

DEPT. OF WATER

DEPTH OF GROUT SEAL (FT. NEAREST FOOT)

FROM 0 TO 39

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL, CONCRETE, PLASTIC, OTHER

MAIN CASING TYPE, NOMINAL DIAMETER TOP (MAIN) CASING (INCH), TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)

S 1 6 41

OTHER CASING (IF USED)

DIAMETER (INCH), DEPTH (FEET)

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE

STEEL, BRASS, OPEN HOLE, PLASTIC, OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM TO

1 2 3 (SEQ. NO.) 0

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

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

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

TELESCOPE CASING, LOG INDICATOR, OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR)

30

GALLONS PER MINUTE TO NEAREST GALLON

WATER LEVEL (DISTANCE FROM LAND SURFACE)

RECORDS 40

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX)

AIR, PISTON, TURBINE

CENTRIFUGAL, ROTARY, SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (INSERT APPROPRIATE LETTER IN BOX - SEE ABOVE)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON)

PUMP HORSE POWER

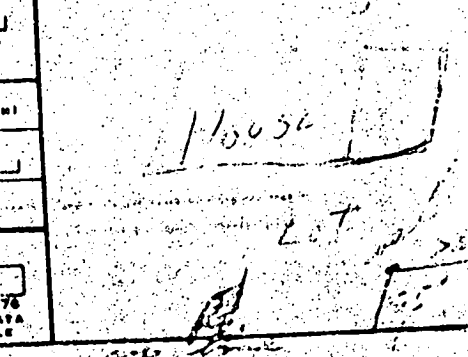
PUMP COLUMN LENGTH (NEAREST FOOT)

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 BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



CIRCLE APPROPRIATE BOXES

- A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
- E ELECTRIC LOG OBTAINED
- D 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.

DRILLER'S NAME, SIGNATURE, DATE

8583

REQUIRED BY
ADDRESS ONLY

STATE OF MARYLAND
WATER RESOURCE ADMINISTRATION
TAVIS STATE OFFICE BLDG. ANNAPOLIS MD. 21401
WELL COMPLETION REPORT

FILL IN THE FORM COMPLETELY

DATE OF WELL
1975
DEPT. WELL EQUIPMENT
[Diagram of well equipment]

DEPTH OF WELL
120
FEET (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"
40-73-0372
20 30 40 50 60 70 80 90 100

OWNER
Carnwell, [Name]
STREET OR RFD
1004 Carnwell Rd.

POST OFFICE
[Address]

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHANGES IN WELL
	FROM	TO	
Top Soil	0	3	
Subsoil	3	80	
Clay	80	100	
Top Soil	100	120	

GRouting RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)
 Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX)
 CM CEMENT BC BENTONITE CLAY

NO. OF BAGS 11 NO. OF POUNDS 1000

BALLONS OF WATER 70

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 TO 75

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 1

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 50

METHOD USED TO MEASURE PUMPING RATE 1/4

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

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

CASING RECORD

CASING TYPE (CIRCLE APPROPRIATE CODE BELOW)
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

MAIN CASING TYPE 37
 NOMINAL DIAMETER TOP MAIN CASING (NEAREST INCH) 6
 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 83

PUMP INSTALLED

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

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)
 Y N

CAPACITY:
 GALLONS PER MINUTE (TO NEAREST GALLON) _____

PUMP HORSE POWER _____

PUMP COLUMN LENGTH (NEAREST FOOT) _____

SCREEN RECORD

SCREEN TYPE (CIRCLE APPROPRIATE CODE BELOW)
 ST STEEL BR BRASS OR BRONZE HO OPEN HOLE
 PL PLASTIC OT OTHER

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

CIRCLE APPROPRIATE BOXES

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

B ELECTRIC LOG OBTAINED

C TEST WELL CONVERTED TO NON-TEST WELL

HEREBY CERTIFY THAT I HAVE COMPLETED THE WELL UNDER THE CONDITIONS STATED IN 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.

DRILLER'S NAME
 [Signature]

DATE
 [Date]

DEPTH (NEAREST WHOLE FOOT)

1	2	3	4	5	6	7	8	9	10

DIAMETER OF SCREEN (NEAREST INCH)
 FROM 16 TO 6

GRAVEL PACK _____

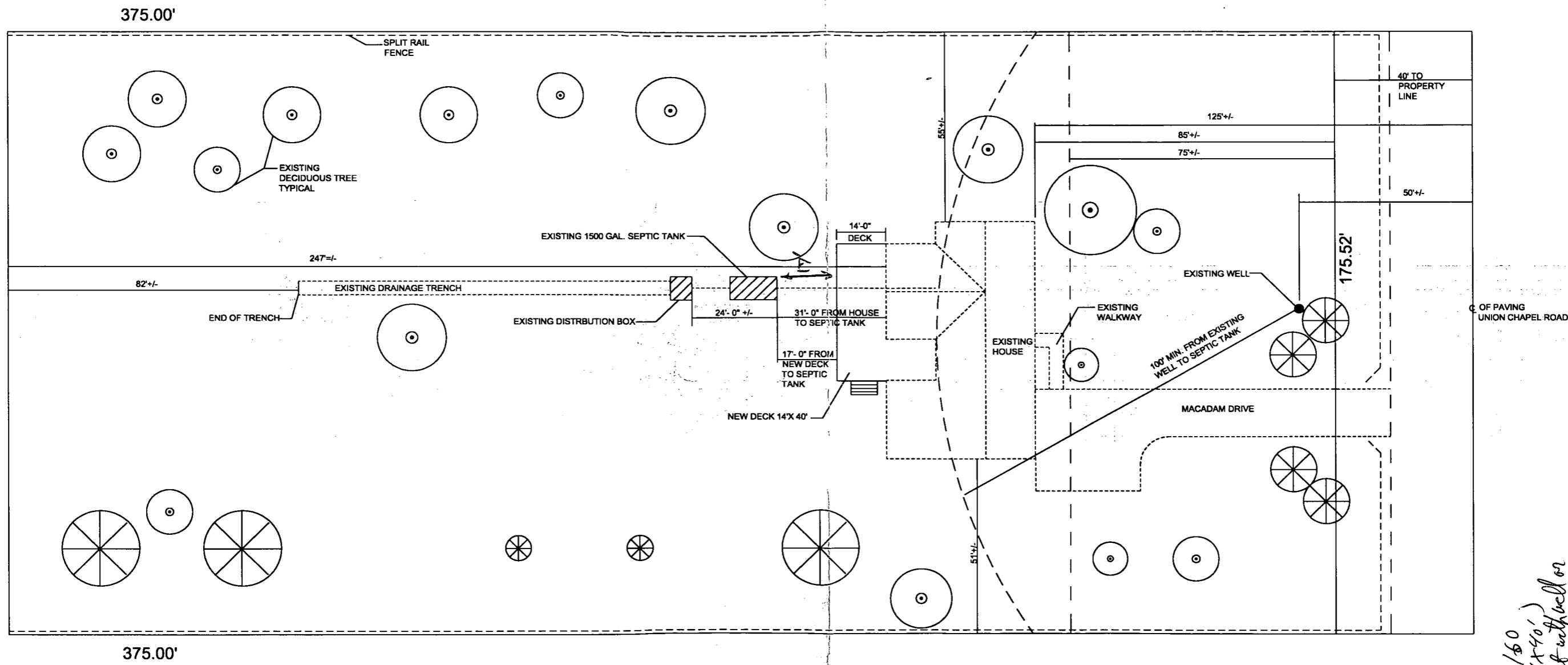
IS WELL DRILLER WAS A FLOWING WELL (CIRCLE BOX)
 Y N

OWNER USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

[Diagram showing well location on lot with distances 40' and 80']



B 00135 / 60
 Deck (14x40')
 No Conflict with well or
 Septic. Recommend approval.
 AP 9/28/02



Revisions	Mark	Date	By

Project: ENDERS RESIDENCE
 15884 UNION CHAPEL ROAD
 WOODBINE MD.
 LOT 5, DAISY HILL ESTATES
 HOWARD COUNTY, MARYLAND

Date: 3/21/02
 Drawn By: DDE
 Checked By: DDE

PLOT