

3/18/94
(A.S.)
(Later)

PERMIT

File
Final

SEWAGE DISPOSAL SYSTEM

P 49973A

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A REPAIR

01-337107

HOWARD COUNTY HEALTH DEPARTMENT

DISTRICT _____

BUREAU OF ENVIRONMENTAL HEALTH

DATE 4/19/94

461-9933

DATE SYSTEM APPROVED 3/18/94

INDEXED

INSPECTOR C.B.

Jack Fyock Septic Service IS PERMITTED TO INSTALL _____ ALTER

ADDRESS _____ PHONE 989-9270

SUBDIVISION Warfield Estates LOT 12, Blk.C-Sec.7 ROAD 14825 Burntwoods Road

PROPERTY OWNER James Dodmead

ADDRESS 14825 Burntwoods Road - Glenwood, MD 21730

SEPTIC TANK CAPACITY 1250 GALLONS (Existing)

NUMBER OF BEDROOMS 4 Existing

125+ SQUARE FEET PER BEDROOM (Repair - plus old system)

LINEAR FEET OF TRENCH REQUIRED 500+ (New)

REPAIR - PURPOSE - SEPTIC SYSTEM HAS FAILED.

Call for inspection when ground is opened so sanitarian can recommend repair. 3/18/94

3/18/94 (1) Trench to be: 100' long; 2' wide; inlet 7'; 12' deep; 5' of stone; 500' soil attractive area, into new line from Septic tank to (dist. ^{to new} hole) and to new trench also per man at site; Run trench parallel to old one from house to Burntwoods Road

PLANS APPROVED BY C.B. for C.W./ at site DATE 3/18/94

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

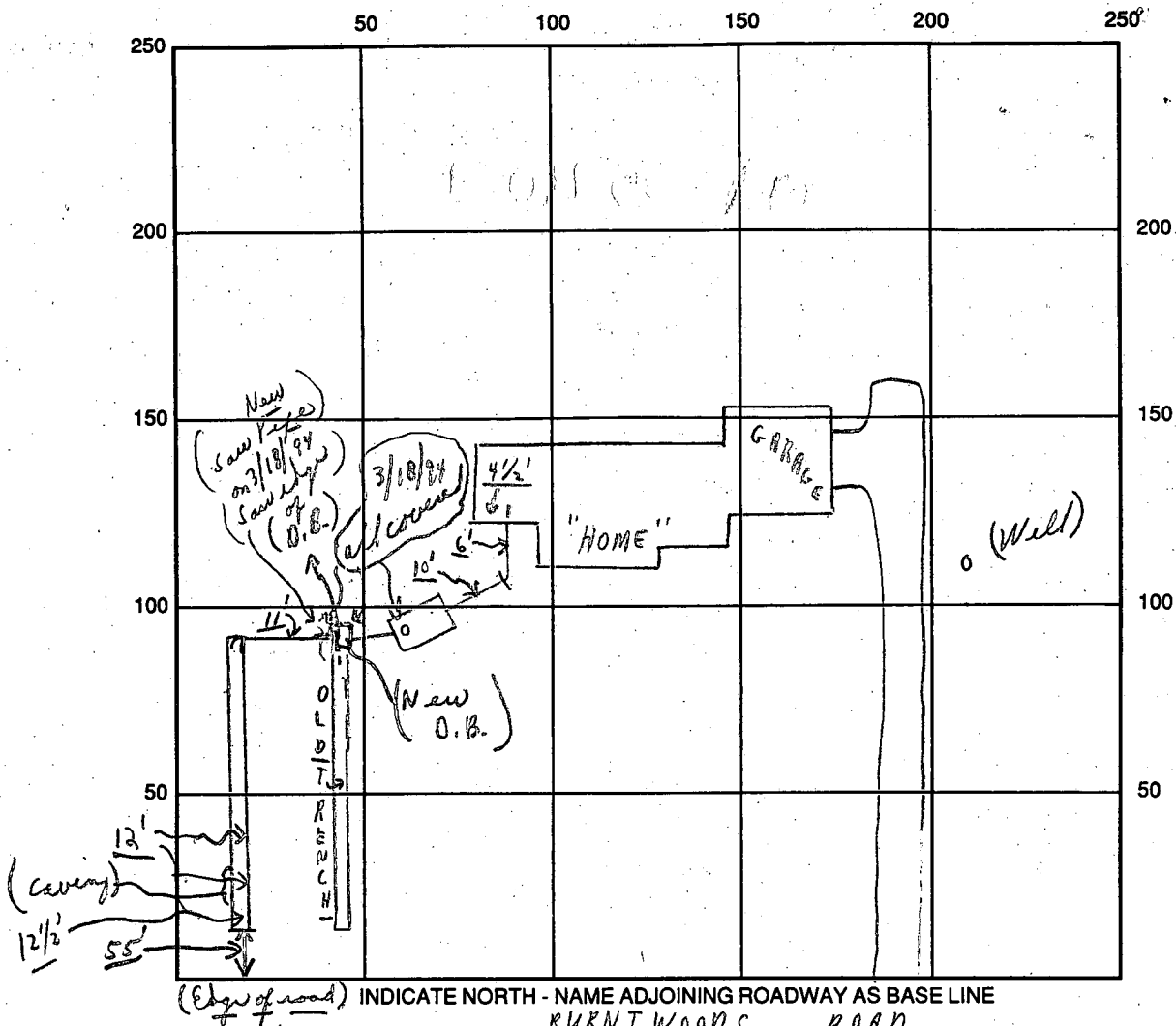
PERMIT VOID AFTER TWO YEARS

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 49973A



(Edge of road) INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 BURNT WOODS ROAD

SEPTIC TANK LEVEL OK (Electing) CLEANOUTS (Existing)
 DISTRIBUTION BOX LEVEL (New - saw edges in repair)
 DRAIN FIELD/TITLE DEPTH 12⁺ (average) FT. TRENCH WIDTH 2 FT. INLET DEPTH 9' FT.
 EFFECTIVE GRAVEL DEPTH 5⁺ FT. TOTAL LENGTH 100 FT.
 NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 500 SQ. FT. (plus old trench)
 DRYWALL INSIDE DIAMETER ~ FT. EFFECTIVE DEPTH BELOW INLET ~ FT.
 ABSORBENT AREA 500⁺ SQ. FT.

REMARKS: 3/18/94 (1) Y.C.O. ok to stone trench as dig -
caving in some areas; C.B.C. 3/18/94 all material on site
ok to cover as finish. C.B.C. Final

DATE SYSTEM APPROVED 3/18/94 INSPECTOR Charles Bryan Stricker

49973A

19825

Burkwoods Rd

Warfield Est

Sec 7 lot 12

410 795 ~~696~~
3432

11/6/79
a.m.
if possible

app 12-28-79
NEW
P 30309
A 18156

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 46h

DATE 10/20/79³¹

INDEXED

Fred Dickson (New World Homes, Ltd.)

IS PERMITTED TO INSTALL ALTER

ADDRESS 15775 Frederick Road, Lisbon, Md. 21765

PHONE 442-1097

SUBDIVISION Warfield Estates ROAD 14825 Burntwoods Road LOT 12, Blk.C, Sec.7

PROPERTY OWNER Fred Dickson

ADDRESS same as above

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

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

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom in system.

INLET PIPE 5 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 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

OK to use trench off dry well. Trench to be 2 ft. wide, 11 ft. deep, 6 ft. of gravel and follow contour of ground. Start trench or dry well 120 ft. from front lot line and 100 ft. from the right side as seen when facing from the front. If trench only, run with constant grade elevation more or less, perpendicular to road. Leave a 5 ft. earth buffer between dry well and trench.

PLANS APPROVED BY R. Torre/D.W. Monaghan

DATE 10/16/73

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.

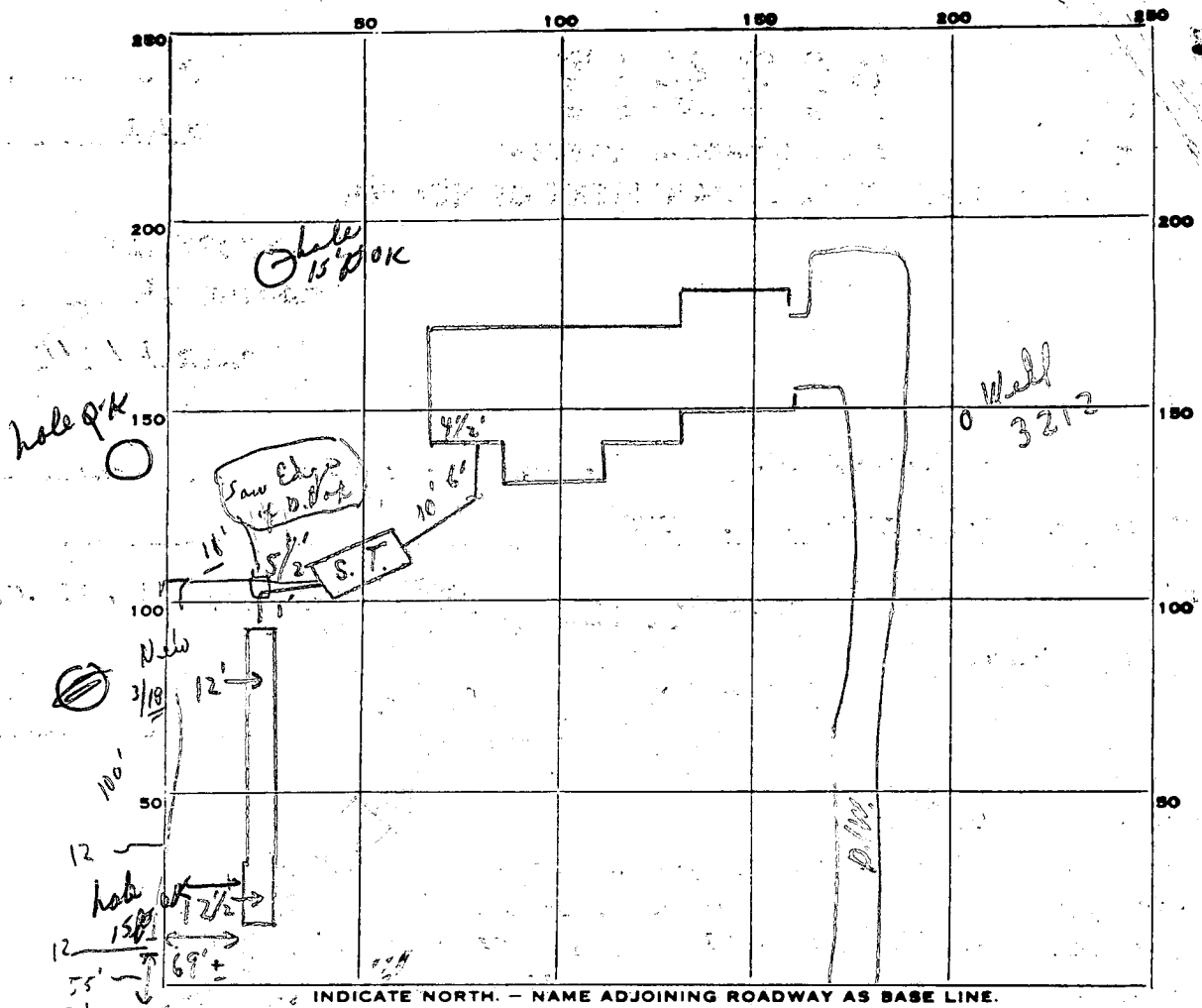
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.**

A 18156



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Bursterwoods Road

PERMIT CARD

S.T.

SEPTIC TANK, LEVEL

CLEANOUTS

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 12'-12 1/2' FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 78 IN. TOTAL LENGTH 956 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 570 6.10 + 1/4

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 11/6/79 NEED MAN HOLE CLEANOUT & COVER TO GRADE

ON SEPTIC TANK; PIPE TO TRENCH 5' FROM GRADE - TRENCH

NOT IN GREG CALLED FOR - STOP WORK. C.H.S.

11/7/79 - O.K. to put gravel in trench &

O.K. to backfill trench - change cleanout pipe & call for

final inspection

11/9/79 Cleaned terra cotta not manhole

type hold for supervisor.

DATE SYSTEM APPROVED 12/28/79

INSPECTOR [Signature]

R.H. & C.B.S. discussed at office needs manhole depth per D.W.

APPLICATION

A 19156

SEWAGE DISPOSAL TESTING

P _____

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 4th

DATE 3-22-73

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 Robert W. Douglas

ADDRESS 9315 Annapolis Rd., Lanham, Md. PHONE 577-0065

PROPERTY LOCATION:

SUBDIVISION Warfield Estates LOT NO. LOT 12 Blk C
32, Sect. 7

ROAD AND DESCRIPTION unnamed

SIZE OF LOT 2.3 Acres TYPE BLDG. 3 or 4 Bedrooms
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 Robert W. Douglas /s/

APPROVED BY _____ FOR _____ DATE _____
(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

DNR-131 (7-79) EMERGENCY NO. (If any) -

B 1 0778 SEQUENCE NO. (WRA USE ONLY)

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

WRA PERMIT NUMBER
 140-73-3212

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
 4/16/79 1:30 P.M.

OWNER: New World Homes, / Fred Dickson

STREET OR RFD: 1775 Frederick Road, Rt. #144

POST OFFICE: Lisbon, Maryland 21765

B 2 CONTINUED

DRILLER INFORMATION

DATE: March 23, 1979

LICENSE NUMBER: 1296

FIRST NAME: Ronald DRILLER: Lee LAST NAME: Kyker

SIGNATURE: *Ronald Lee Kyker*

B 3 LOCATION OF WELL

COUNTY: Howard

SUBDIVISION: "Warfield Estates"

SECTION: 7 LOT: 12

NEAREST TOWN: Cooksville

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

B 2 WELL INFORMATION

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 5

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 450

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING, AGRICULTURE, IRRIGATION

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

MUNICIPAL WATER SUPPLY

PRIVATE WATER COMPANY } MUST HAVE STATE HEALTH DEPT. APPROVAL

TEST

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)

SOUTH

NEAR WHAT ROAD: Burntwood Road

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): SOUTH

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 300

APPROXIMATE DEPTH OF WELL: 250 FEET

APPROXIMATE DIAMETER OF WELL: 60 (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):

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

N

1' - CASING
 2' - ABOVE GR.
 70' - OPEN HOLE
 37 - BAGS CEMENT

Burntwood Rd.

4/16/79
 Xwell

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 DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROPRIATION PERMIT NUMBER: 84 ENGINEER REVIEW DISTRICT NO.: 63

FORCE: 67 WRITE INITIALS IN BOX: WV CONDITIONS: 70 71 72 73 74 75 76 77 78 79

BOX NUMBER: 790 (E) 520 (N)

NORTH COORDINATE: 52 4 0 0 0

EAST COORDINATE: 0 0 9 0 0 0

ELEVATION AT WELL HEAD (FEET): 0/0

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL

COUNTY NAME: Howard COUNTY NO.: 120638

DATE: 04 02 79

APPROVED BY: Donald W. Monaghan / Sanitaria

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

SEQUENCE NO. (WRA USE ONLY)
1246
 1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

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
 COUNTY NUMBER **229638**
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) **10/19/1970**
 DATE WELL COMPLETED **10/17/70**
 DEPTH OF WELL **130** (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" **17-77-256**
 DRILLERS IDENTIFICATION NO. **256**

OWNER **West World Homes, Inc / Fred Dickson**
 LAST NAME **15775 Frederick Road** FIRST NAME **Lisbon, Md. 21765**
 STREET OR RFD 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	
0-9	0	9	
9-40	9	40	
40-41	40	41	X
41-65	41	65	
65-73	65	73	
73-74	73	74	X
74-82	74	82	
82-84	82	84	X
84-96	84	96	
96-97	96	97	X
97-130	97	130	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT BENTONITE CLAY

NO. OF BAGS **37** NO. OF POUNDS **3,470**

GALLONS OF WATER **222**

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

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6** TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **77**

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT) FROM **77** TO **130**

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) **8**

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **30**

METHOD USED TO MEASURE PUMPING RATE **Flowmeter**

WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING **54** WHEN PUMPING **06**

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) 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** PUMP HORSE POWER **37**

PUMP COLUMN LENGTH (NEAREST FOOT) **43**

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT) ABOVE BELOW

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).

Burntwood Rd.

X well

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 **Dana Kuyor, Jr.**

(PLEASE PRINT) SIGNATURE *Dana Kuyor, Jr.*

DIAMETER OF SCREEN **56** (NEAREST INCH) FROM **56** TO **60**

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX **68**

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING LOG INDICATOR

OTHER DATA AVAILABLE

Health Dept

Lot 12 (4.3770 Acres)
Section Seven, Block C
Warfield Estates

Well Elev. 542.00

House

4 Bd. Rm.
F.F. 547.85
B.F. 539.85
Inv. @ wall 539.20

Septic

1250 gal.
Ex. Gr. @ tank 543.00
Inv. In. 539.00
Inv. Out 538.70

Drain Field

100' w/ 6' of gravel
Ex. Gr. 539.00
Inv. 534.00
Bottom 528.00

LOT 12

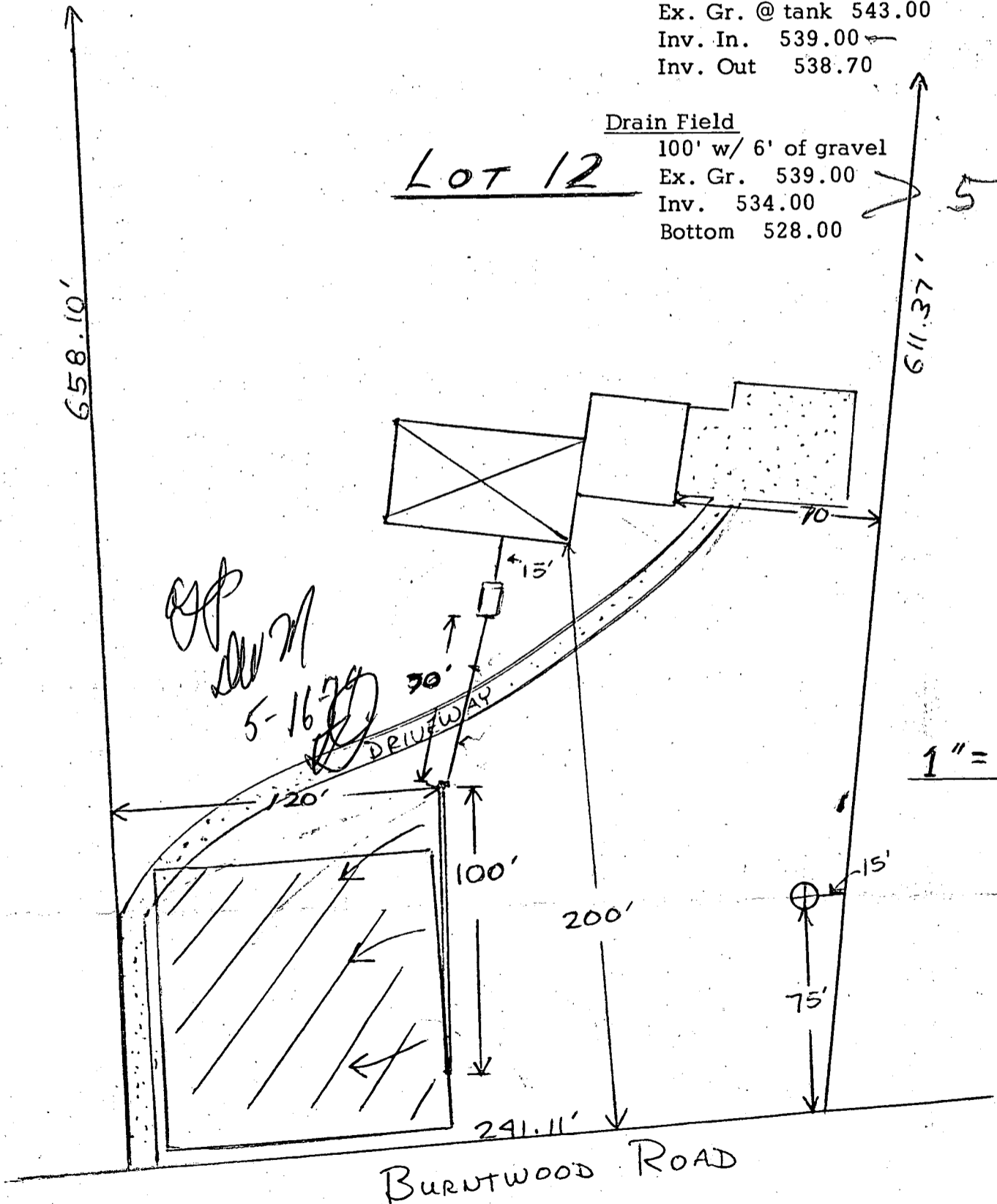
658.10'

611.37'

1" = 50'

13

OP
5-16-79



Howard County Health Department
Ellicott City, MD

December 27, 1979

RE: Lot 12, Warfield Estates

To Whom It May Concern;

As owner of the above property, I hereby request that a 6 inch septic tank cleanout be used in lieu of a manhole type cleanout. I am aware of the reasons for the the manhole cleanout and assum full responsibility for electing not to install such a cleanout.

Sincerely,



Eva Mae Chiccehitto, owner

11/19/79 ↓

(Hold for Mr. Monaghan ^{for} 11/9/79
+ Mr. Dixon)

Under 4" Options on this lot #12C Sec 7 11/6/79

Possibly move. (Not too the specs)
^{+ on house plans}

- (1) Leave plumbing as is - dig out old pipe holes to right side of sewer easement area & end of trench closest to road to 15'-16' for inspection and check if can repair from existing septic tanks to 120' from left property line as shown for system to be on house plans at a depth of 4'-5' below original grade
- (2) Retest in area to rear of house & check trench area nearest road to 15'-16'
- (3) Pull plumbing & go to original specs as should have been done in first place.
- (4) Split plumbing and run ^{up} another system from upstairs to original area called for per specs.

[called 442-1097] Spoke to Mrs Dixon - Mrs Dixon not in this date @ 3:15 - 3:30 left message to call us.
C.B.S.

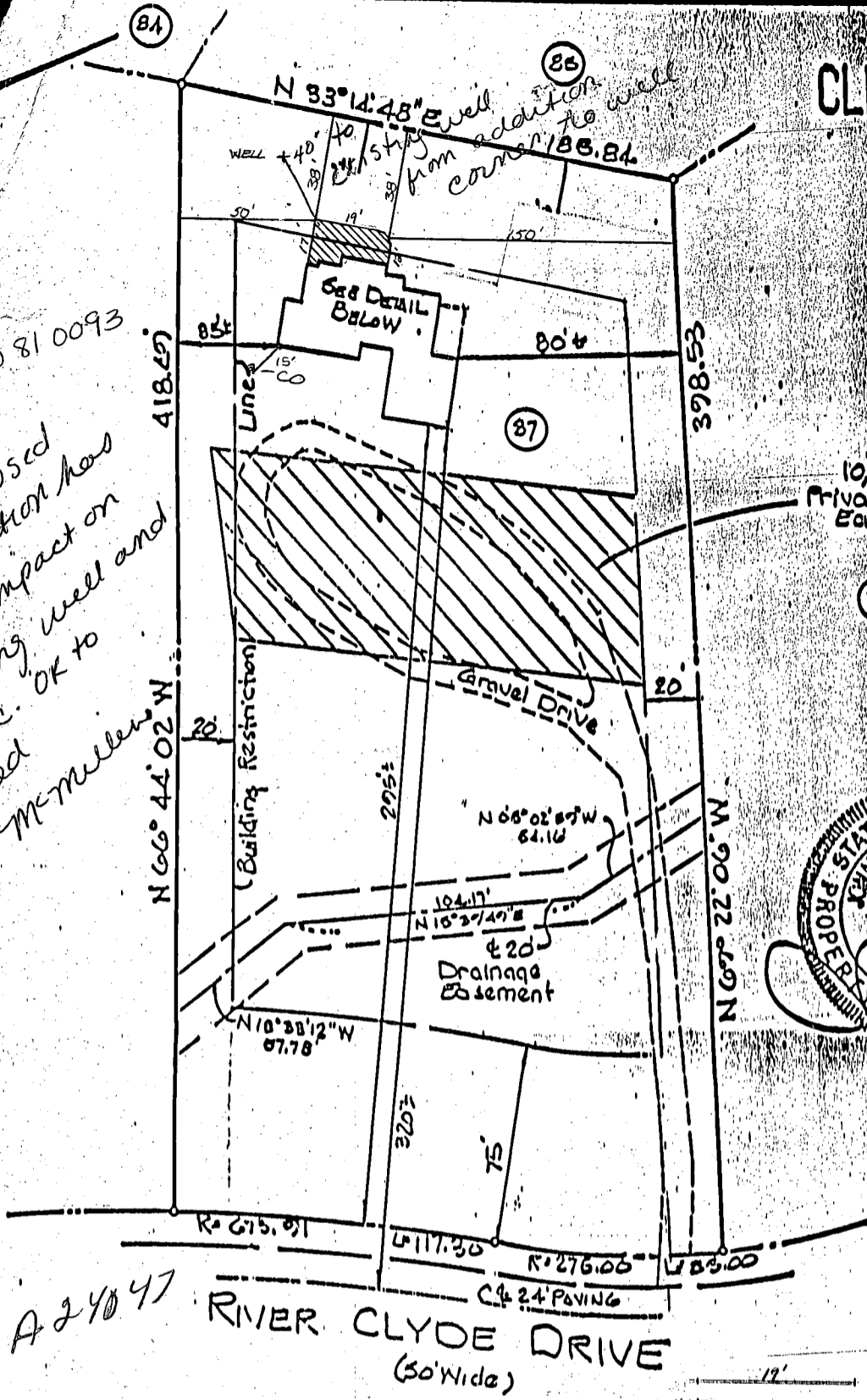
4:15 - 4:30 Discussed with Mr. Dixon on phone Hold for 11/9/79 per D.W.M. - Dixon to call 11/9/79 and confirm field app. C.B.S.

also discussed Lot 29 B Sec 7 Warfield Est. to change before approval. See C.O. sheets.

P.M. 11/19/79 Need cleanout - man hole ^{C.B.S.} typical + cover of cement per D.W.M. + called Mrs. Dixon - she is to tell husband.
C.B.S.

CLIENT'S COI

HO 81 0093
4/8/94
Proposed
addition has
no impact on
existing well and
septic. OK to
proceed.
A. McMullen



10,000 sq. ft.
Private Sewage
Easement

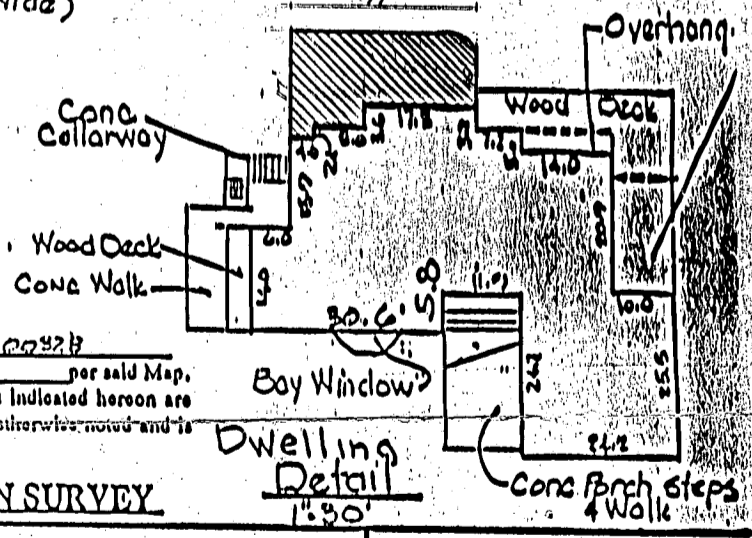


A 240 47 RIVER CLYDE DRIVE
(30' Wide)
C4 24' PAVING

LOT 87
SECTION III, AREA 1,
"HIGHLAND LAKE"
Δ 138072

5th Election District
Howard County, Md

I have examined Flood Insurance Rate Map Panel Number 24001A-0022B
for the subject property and it appears to lie within Zone C per said Map.
The information shown on this plat shows only that the improvements indicated hereon are
contained within the outlines of the lot upon which they are erected unless otherwise noted and is
not to be used to establish property lines or corners.



LOCATION SURVEY

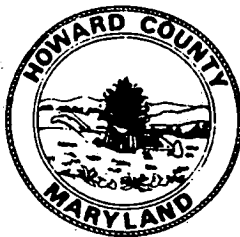
6554 RIVER CLYDE DRIVE



J.S. DALLAS, INC.

Surveying & Engineering
4932 Hazelwood Avenue Baltimore, Md. 21206
(301)866-2001

Date: 2-14-91
Scale: 1"=60'
Job Number: LT-1086
Drawn By: DL
Checked By: JSD



HOWARD COUNTY HEALTH DEPARTMENT

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

November 8, 1991

Reply to:

Mr. Todd Conner
Conner Construction
8455 Baltimore National Pike
Ellicott City, Maryland 21043

RE: Septic System Repair Permit
Number: P47267
11915 Hall Shop Road

Dear Mr. Conner:

The enclosed septic repair inspection report shows that some aspects of this installation did not proceed according to our expectations. Trench orientation and depth of stone were among the areas of concern.

This is to request a meeting to review recommended installation and clear up any areas of misunderstanding. The installation in question was approved based on field adjustments, but I believe this conversation will be useful in avoiding problems in the future.

Please contact this office to let me know when you can be available.

Very truly yours,

Craig Williams, Program Director
Water and Sewerage Program

CW:jr

Enclosure

cc: Raymond Hodges
File

B 1 **4675** SEQUENCE NO. (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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

WRA PERMIT NUMBER
40-73-117
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
4/12/79
 8-13
 9:30 A.M.

OWNER **Velick Leonard**
 COL 15 LAST NAME FIRST NAME COL 34
 STREET OR RFD **11433 Clarksville Pike**
 COL 36 COL 58
 POST OFFICE **Clarksville Md - 21029**
 COL 57 COL 76

B 1 CONTINUED DRILLER INFORMATION
 1 2 3 (SEQ. NO.) 6
 DATE **March 15, 1979** LICENSE NUMBER **238**
Joseph L. Mayne
 FIRST NAME DRILLER LAST NAME
 SIGNATURE **Joseph L. Mayne**

B 3 LOCATION OF WELL
 1 2 3 (SEQ. NO.) 6
 COUNTY **Howard** (DO NOT ABBREVIATE COUNTY NAME) 21
 SUBDIVISION **23** 42
 SECTION **44** LOT **48** 50
 NEAREST TOWN **Clarksville** 52 71
 MILES FROM TOWN (ENTER 0 IF IN TOWN) **1 3/10** M I 73 76 77 78

B 2 WELL INFORMATION
 1 2 3 (SEQ. NO.) 6
 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) **5** 8 12
 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) **750** 14 20
 USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING, AGRICULTURE, IRRIGATION
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
 MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL
 PRIVATE WATER COMPANY
 TEST

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
 1 2 3 (SEQ. NO.) 6
 NORTH EAST NORTHWEST SOUTHWEST
 SOUTH WEST SOUTHWEST
 NEAR WHAT ROAD **Md 108 Clarksville Pike**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH EAST WEST
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) **700** M I 34 37 38 39

APPROXIMATE DEPTH OF WELL **180** FEET
 APPROXIMATE DIAMETER OF WELL **6** (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
 BORED (OR AUGERED) JETTED DRIVEN
 80-87 **AIR-ROTARY** AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE-ROTARY DRIVE-POINT
 OTHER (DESCRIBE)

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 DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL
 1 2 3 (SEQ. NO.) 6
 41 **S** STATE HEALTH (CIRCLE BOX) COUNTY NAME **Howard** COUNTY NO. **W 29592**
 MO. DAY YR. **03 2 79**
 DATE APPROVED BY **Ronald W. Monaghan, Sanitarian**

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

Clarksville
23 - CASING
2' - ABOVE GR
20 - OPEN
9 - BAGS CEMENT
Md 108 Clarksville Pike
4/12/79
4/10 mi
No. paper work with well permit
Troutter Road
 well
 X
 BOX NUMBER E **820**
 N **500**
 NORTH COORDINATE [] 50 51 52 53 54 55
 EAST COORDINATE [] 57 58 59 60 61 62 63
 ELEVATION AT WELL HEAD (FEET) [] 65 66 67 68
 0/5 5/5 0/0 5/0

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6

SEQUENCE NO. (WRA USE ONLY)
5437
 1 2 3 (SEQ. NO.) 4 5 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 COMPLETE
 FILL IN THIS FORM COMPLETELY
 COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) April 1979 DEPTH OF WELL 185 PERMIT NO. FROM "PERMIT TO DRILL WELL" 238
 DATE WELL COMPLETED 185 (TO NEAREST FOOT) 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37
 8-13 15 20 DRILLERS IDENTIFICATION NO. 238

OWNER Vitek LAST NAME U FIRST NAME
 STREET OR RFD 11453 Northwell Rd. POST OFFICE Beltsville Md

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	
<u>Sand Stone</u>	<u>0</u>	<u>19</u>	
<u>May Granite</u>	<u>19</u>	<u>185</u>	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT BENTONITE CLAY
 45 46 45 46

NO. OF BAGS 47 NO. OF POUNDS 240

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 19 FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE
 PLASTIC OTHER

MAIN CASING TYPE S NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 185

OTHER CASING (IF USED)

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

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OPEN HOLE
 PLASTIC OTHER

SCREEN

DEPTH (NEAREST WHOLE FOOT) FROM _____ TO _____

SLOT SIZE 1. _____ 2. _____ 3. _____

DIAMETER OF SCREEN _____ (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):
 TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 1

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 7

METHOD USED TO MEASURE PUMPING RATE 464

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 20 (NEAREST FOOT) 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

WHEN PUMPING 3 (NEAREST FOOT) 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

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 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

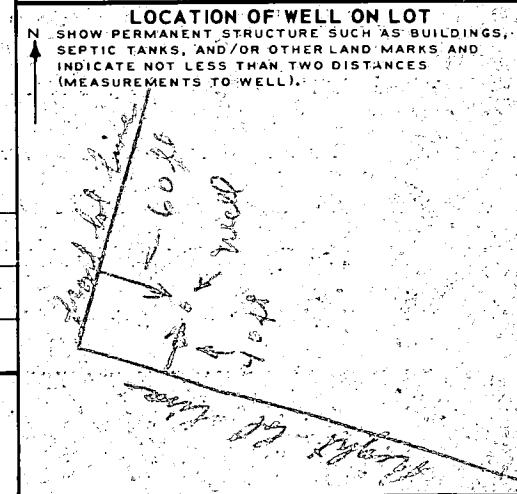
PUMP HORSE POWER 37 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

PUMP COLUMN LENGTH (NEAREST FOOT) 43 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

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE BELOW

LAND SURFACE 2 (NEAREST FOOT) 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



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

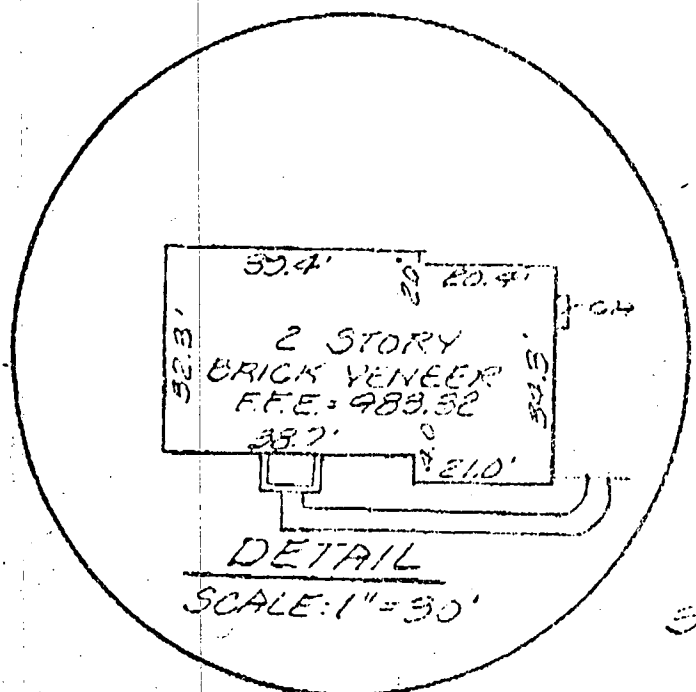
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME Joseph P. Bell

(PLEASE PRINT) Joseph P. Bell

SIGNATURE Joseph P. Bell

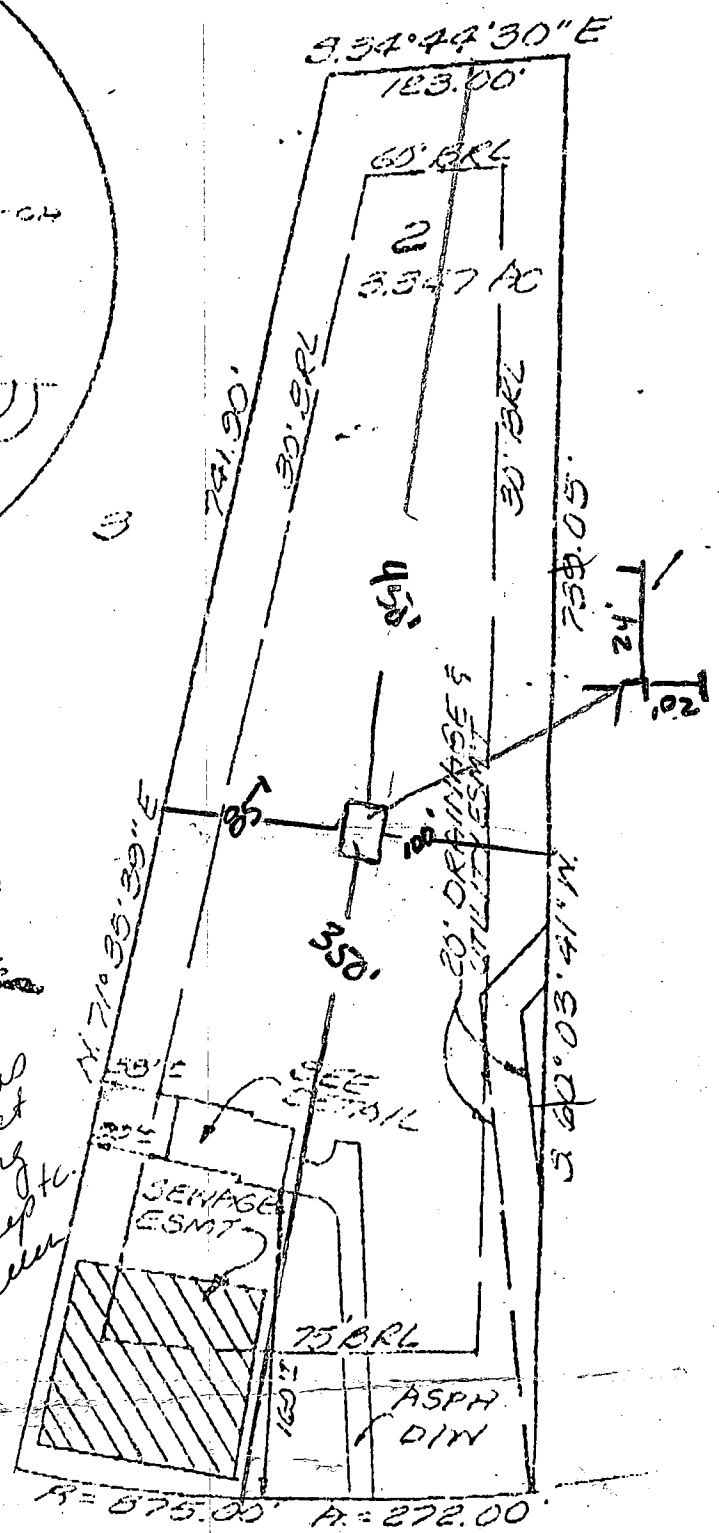
LOCATION OF BUILDING
 "GREEN HILL MANOR"
 LOT 2 SECTION 5
 HOWARD COUNTY, MARYLAND
 1351A VILLAD'EST DRIVE



FLOOD PLANE CERTIFICATION
 I hereby certify that, to the best of my knowledge information and belief, the property shown hereon, lies within Zone C (areas of minimal flooding) as shown on the F.E.M.A. Flood Insurance Rate Map, Community-Panel No. 2900 90032B, revised 12/9/86.



*4/21/99
 proposed detached garage has no impact to existing well and septic.
 Amy McMiller*



RECERT: 8.1.90.

WALL CHG: 8.17.89
 FINAL: 1.22.90

ENGINEER'S CERTIFICATE

I hereby certify that the position of all existing improvements on the above described property have been carefully established by accepted field practices and that unless otherwise shown, there are no encroachments.

*86-90
 8/28/89
 1-23-90*

GLW GUTSCHICK LITTLE & WEBER, P.A.
 ENGINEERS, PLANNERS, SURVEYORS
 5900 NATIONAL DRIVE - SUITE 230 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MD 20888
 TEL. (301) 421-4024

REFERENCE: -FLAT-BOOK	PLAT NO. 4532
DRAWN BY: JH	DATE: 8-28-89
CHECKED BY: DES/SL	SCALE: 1" = 100'
	G.L.W. FILE NO. 87-093