

1230

APPROVED  
1/3/85  
RH  
P. 31373  
A. 28871

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
~~301-228-3333~~  
461-9933

04-3415070

INDEXED

ELLICOTT CITY  
DISTRICT 4th  
DATE 12/30/85

Arnold Septic Tank Service IS PERMITTED TO INSTALL X ALTER

ADDRESS Jacobs Road, Mt. Airy, Maryland 21771 PHONE 795-7873

SUBDIVISION Countryside ROAD 3640 Point Hitch Road LOT 18

PROPERTY OWNER Walter C. Marshall, Jr.

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%. 83 20

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION: Place distribution box 115 feet from the right (560.87') lot line and 185 feet from the front (27.97') lot line as seen when facing lot from Point Hitch Road. Run trenches on contour toward rear (165') lot line.

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/RS

PLANS APPROVED BY C. Williams DATE 12/20/85

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.

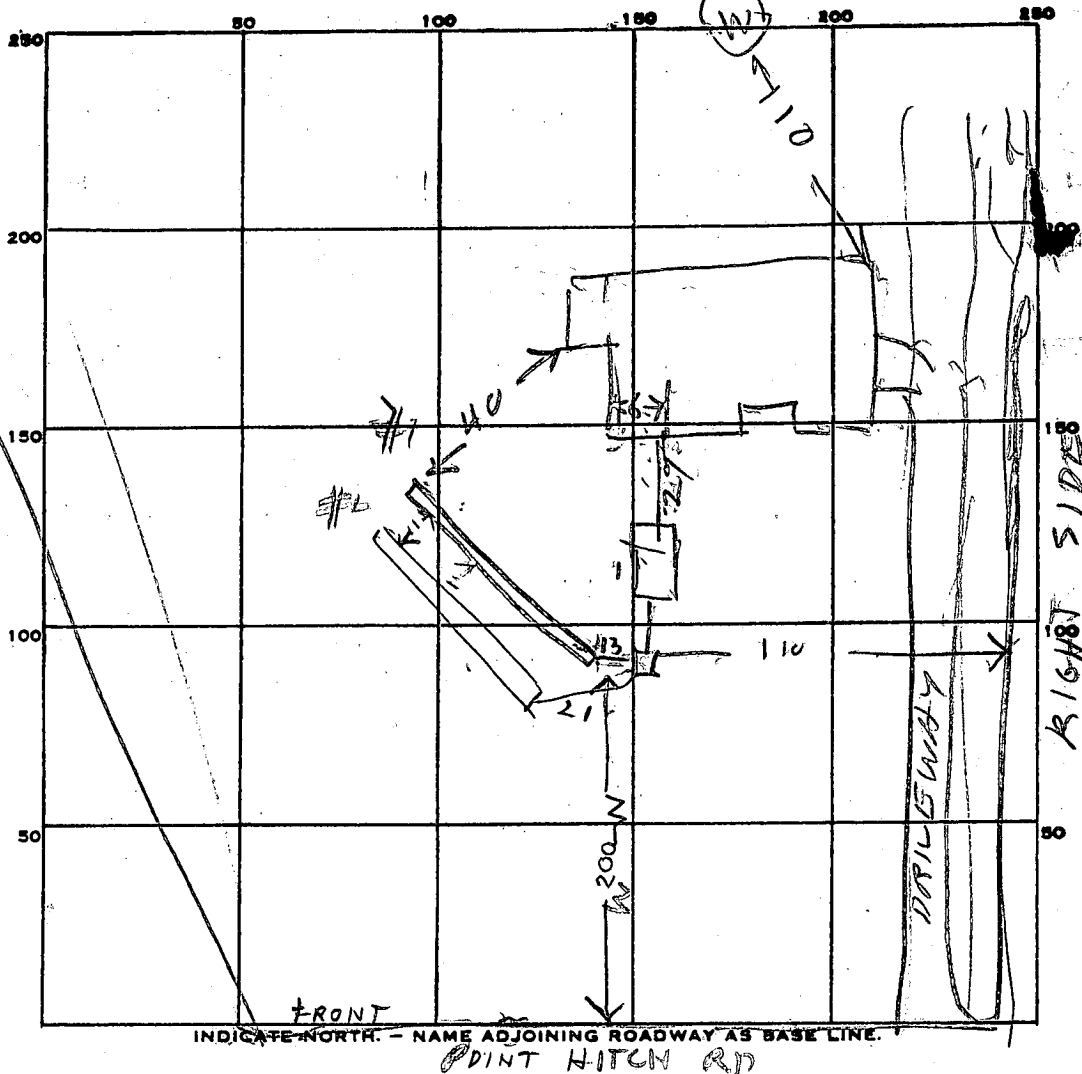
PERMIT VOID AFTER THREE YEARS.

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 APPROVAL ON THIS PERMIT**

CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

A 28871



PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL 1000

CLEANOUTS 

|    |
|----|
| ST |
| NO |
| OK |

DISTRIBUTION BOX, LEVEL OK

TILE FIELD, DEPTH 

|     |     |
|-----|-----|
| #1  | #2  |
| 7.5 | 7.0 |

 FT. TRENCH WIDTH 

|    |    |
|----|----|
| #1 | #2 |
| 2  |    |

 FT.

GRAVEL DEPTH 

|     |    |
|-----|----|
| #1  | #2 |
| 4.5 | 4  |

 IN. TOTAL LENGTH 

|    |    |
|----|----|
| #1 | #2 |
| 81 | 60 |

 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 

|     |     |       |
|-----|-----|-------|
| #1  | #2  | TOTAL |
| 274 | 240 | 512   |

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 1/2/86 - STARTING POINT FOR TRENCH OK DIG TRENCH #1 & CALL RN

1/2/86 - 1ST TRENCH DUG FINISH ADDING STONE & DIG TRENCH #2

1/23/86 - STONE ADDED TO TRENCH #1. ALMOST ALL STONE

& PIPE ADDED TO TRENCH #2 WHICH IS 7 FT DEEP.

FINISH ADDING STONE TO TRENCH #3 & COVER R/L

3x158-459 SOFT REQUIREMENT IS EXCEEDED

DATE SYSTEM APPROVED 1/3/86 INSPECTOR Raymond Stodt

SUBDIVISION: COUNTRYSIDE

LOT NUMBER: 18

DRY WELL OR DRY WELL AND TRENCH

|           |                    | _____ sq. ft./bedroom            |
|-----------|--------------------|----------------------------------|
|           | <u>Septic Tank</u> | <u>Minimum Total square Feet</u> |
| 3 bedroom | 1000 gallon        | _____                            |
| 4 bedroom | 1250 gallon        | _____                            |
| 5 bedroom | 1500 gallon        | _____                            |

Inlet \_\_\_\_\_ feet below original grade.  
 Bottom maximum depth \_\_\_\_\_ feet below original grade.  
 Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

158 sq. ft./bedroom

Trench to be 2 wide.  
 Inlet 3 feet below original grade.  
 Bottom maximum depth 7 feet below original grade.  
 Effective area begins at 3 feet below original grade.  
4 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE DISTRIBUTION BOX 115 FT FROM THE RIGHT (S60.87°)  
LOT LINE AND 185 FROM THE FRONT (27.97°) LOT LINE AS SEEN  
WHEN FACING LOT FROM POINT HIGH Rd. RUN TRENCHES ON CONTOUR  
TOWARD REAR (165°) LOT LINE. S. APR 12/30/85

*Permit*

# APPLICATION

SEWAGE DISPOSAL TESTING

A 28871

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4th

DATE 9/15/78

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 ~~Estate of Sylvan Manger~~ Walter C. Marshall Jr.

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Countryside S/D LOT NO. 18

ROAD AND DESCRIPTION Route 97 3640 Point Hitch Rd.

SIZE OF LOT 3 acres m/1 TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT /s/ Bernard Rome

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

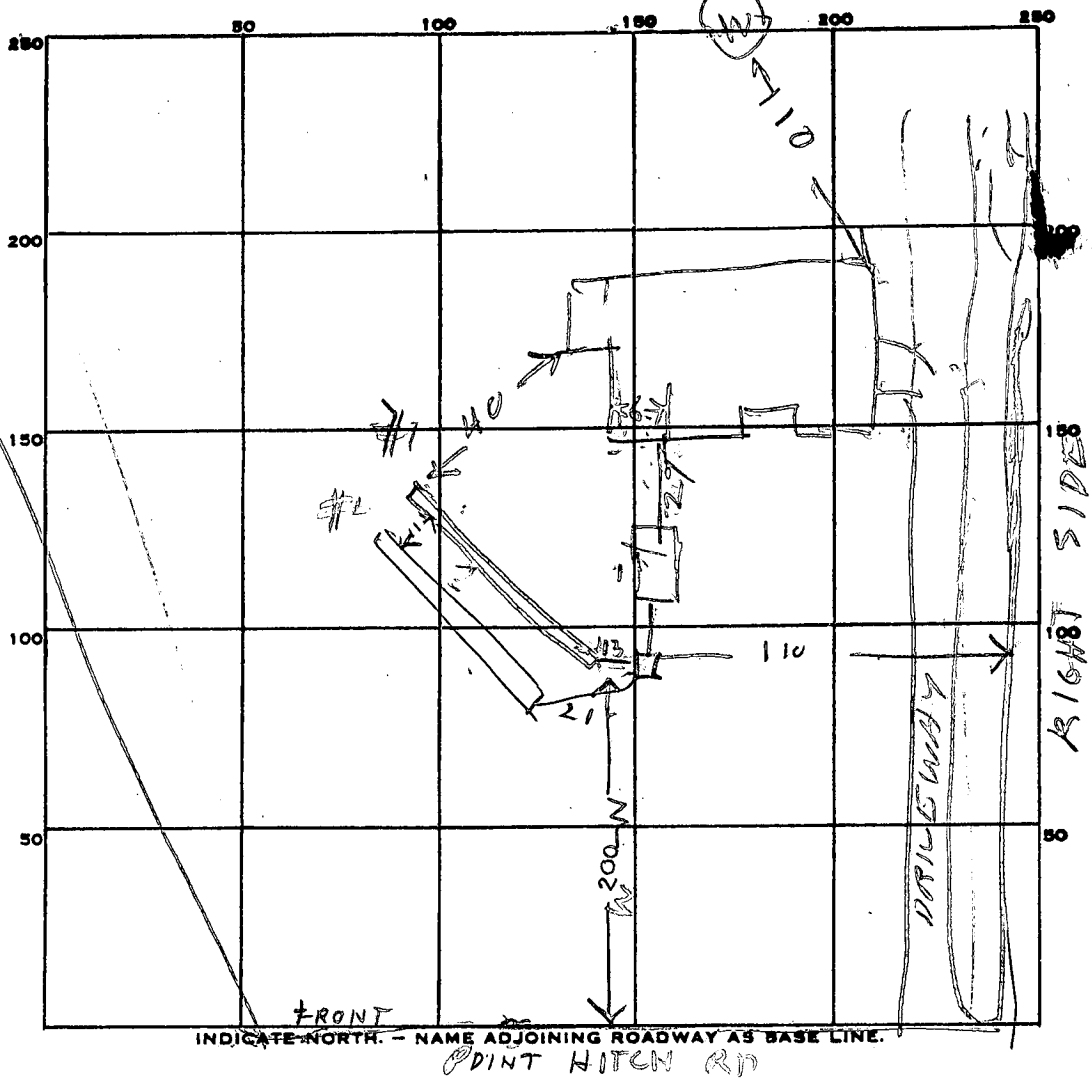
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

*DATE B.P. # 65785*

# THIS IS NOT A PERMIT



PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL 1000

CLEANOUTS ST  
NO  
OK

DISTRIBUTION BOX, LEVEL OK

TILE FIELD, DEPTH #1 7.5 #2 7.0 FT. TRENCH WIDTH #1 2 #2 2 FT.

GRAVEL DEPTH #1 4.5 #2 4 IN. TOTAL LENGTH #1 81 #2 60 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA #1 274 #2 240 TOTAL 512

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 1/2/86 - STARTING POINT FOR TRENCH OK DIG TRENCH #1 & CALL RII

1/2/86 - 1ST TRENCH DUG FINISH ADDING STONE & DIG TRENCH #2

1/23/86 STONE ADDED TO TRENCH #1. ALMOST ALL STONE

& PIPE ADDED TO TRENCH #2 WHICH IS 7 FT DEEP.

FINISH ADDING STONE TO TRENCH #3 & COVER RII

3 x 158 - 459 SOFT REQUIREMENT IS EXCEEDED

DATE SYSTEM APPROVED 1/3/86 INSPECTOR Raymond Hodge

J.H. PEA

CONTAIN MAP WILL BE SENT TO YOU ASAP.  
BR

at, approx. 10,000 Sq. Ft. as req'd. by Health and Mental Hygiene for sal. Improvements of any nature ed until public sewer is available rial structure constructed on sement shall become null and public sewage system.

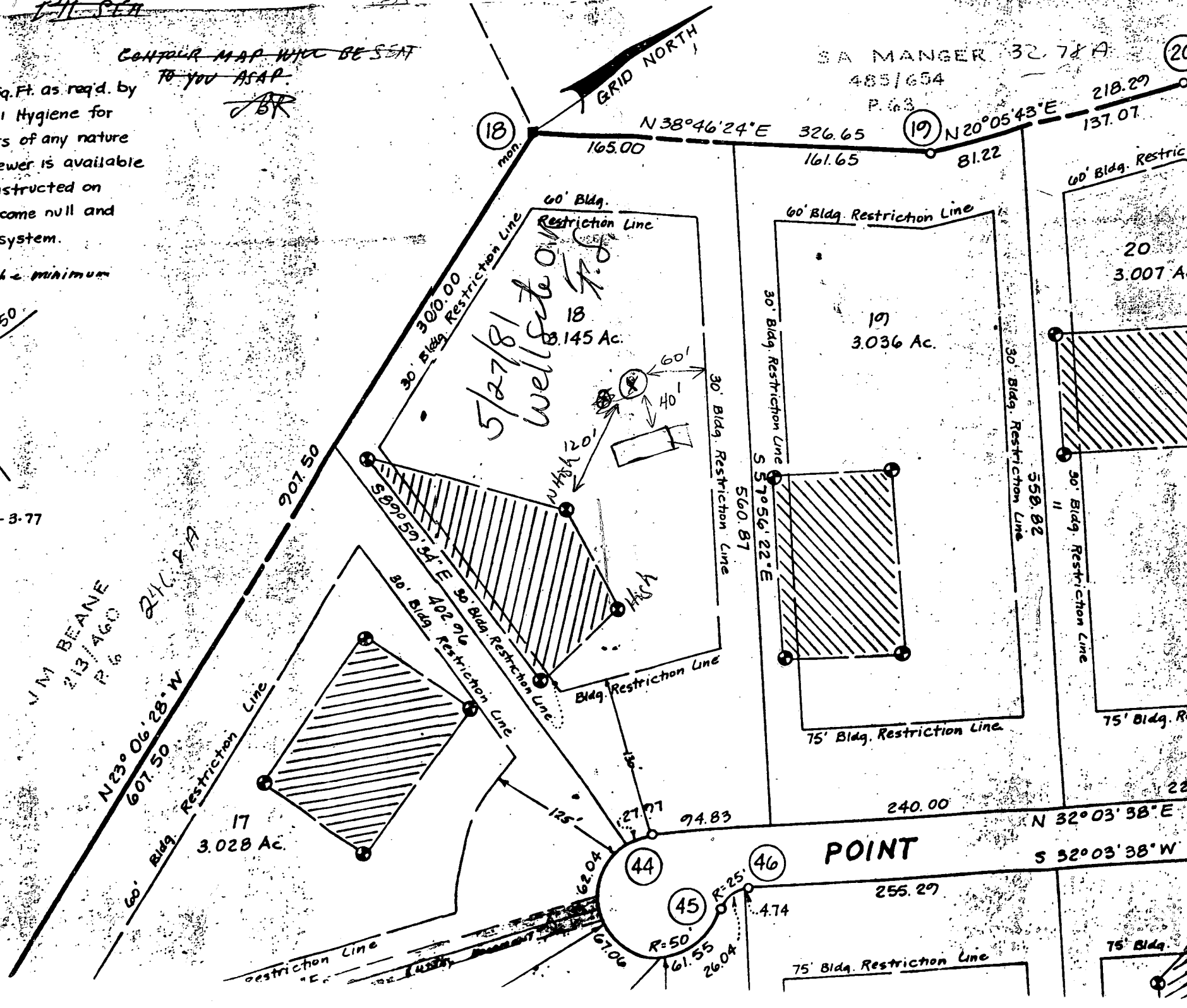
Comply with the minimum Areas as and State and Tions.

E 790,750  
N 523,000

zoned R per 10-3-77 Zoning Plan.

J.M. BEANE  
213/460  
P. 6

244.87



SA MANGER 32.78 A  
485/654  
P. 63

18 mon

19

20

5/27/81  
Well site on 18  
3.145 Ac.

POINT

44

46

45

75' Bldg.

C 1 8298

SEQUENCE NO. (WRA USE ONLY)

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

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED

COUNTY NUMBER A 28871

Date Received (WRA use only)

6-1-81 DATE WELL COMPLETED

Depth of Well

145

(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

HO-73-3926

OWNER Middleton George last name first name

STREET OR RFD 3640 Point Hitch Road TOWN Glenwood

SUBDIVISION Countryside SECTION LOT 18

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: dirt, Soap, stone, sand, Stone.

GRAOUTING RECORD WELL HAS BEEN GRAOUTED (Circle Appropriate Box)

YES Y NO N

TYPE OF GRAOUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 10 NO. OF POUNDS 1000 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 41 ft.

CASING RECORD casing types insert appropriate code below: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE ST Nominal diameter top(main)casing (nearest inch): 6 Total depth of main casing (nearest foot): 41

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

SCREEN RECORD screen type or openhole insert appropriate code below: ST STEEL, BR BRASS, BRONZE, HO OPEN HOLE, PL PLASTIC, OT OTHER

DEPTH (nearest ft.) 41 145

- CIRCLE APPROPRIATE BOX [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 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 IDENT. NO. 144 DRILLERS SIGNATURE Austin Marner

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

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 (seq no)

PUMPING TEST 4 HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min. to nearest gal.) 20 METHOD USED TO MEASURE PUMPING RATE air WATER LEVEL (distance from land surface) BEFORE PUMPING 30 WHEN PUMPING 120 TYPE OF PUMP USED (for test)

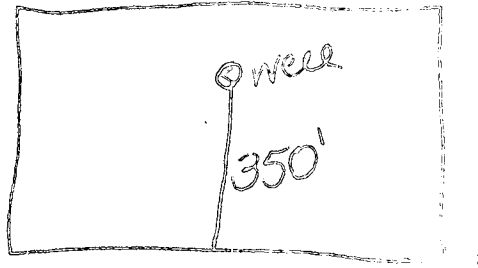
- [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other (describe below) [J] jet [S] submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES Y NO N

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) [+ above] [- below] LAND SURFACE 2 (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)



**B 1** 6222 SEQUENCE NO. WRA USE ONLY  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL

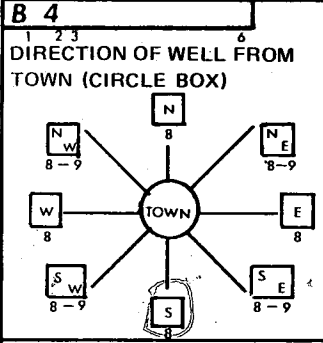
WRA PERMIT NUMBER  
40-73-3926  
fill in this form completely

please print or type

DATE RECEIVED 5-20-81  
8 (WRA USE ONLY) 13  
OWNER INFORMATION  
Middleton, George  
LAST NAME OWNER FIRST NAME  
5495 Halflight Garth  
STREET OR RFD  
Columbia, Md. 21045  
TOWN STATE ZIP

**B 3** LOCATION OF WELL  
1 2 3 COUNTY Howard 21  
8 SUBDIVISION Country Side 42  
23 SECTION                      44 LOT 18 48 50  
NEAREST TOWN Glenwood 52  
MILES FROM TOWN (enter 0 if in town) 1 73 76 77 78

**B 1** CONTINUED DRILLER INFORMATION  
Keuser-Garver, Inc. 144  
DRILLER'S NAME 77 LICENSE NO. 80  
Austin A Garver 5-18-81  
SIGNATURE DATE

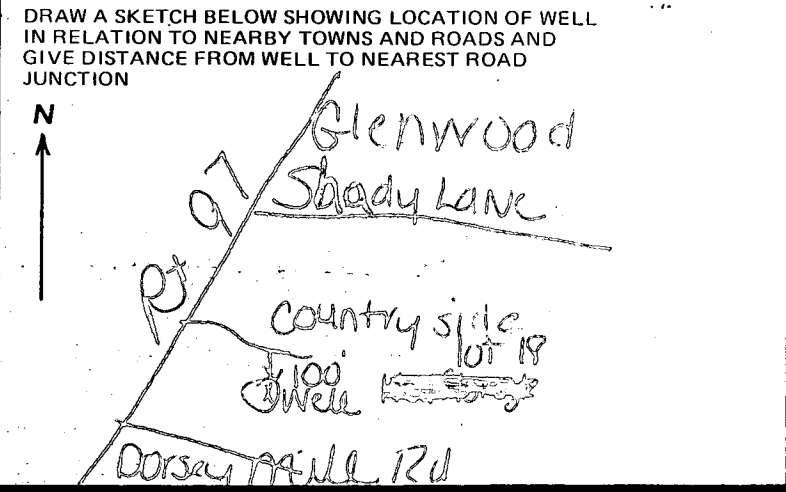


Rt 97  
NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH NORTH  
100  
DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 37 38 39

**B 2** WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN) 2  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 800

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX  
42' casing  
2' annular gr.  
35' open  
10x cap cement  
6/9/81  
JS  
792  
525

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)



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)  
CABLE REVERSE ROTARY DRIVE POINT ROTARY  
other

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) 41 52

**B 4** NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
HOWARD COUNTY NAME A28871 COUNTY NO.  
EHA SIGNATURE STATE HEALTH CIRCLE BOX  
MO DAY YR 05 27 81  
CO SIGNATURE DATE  
NORTH 125 EAST 1792 ELEV. (FT.)  
GRID 50 55 GRID 57 63 65 68

Not to be filled in by driller (WRA USE ONLY)  
APPROX. PERMIT NUMBER GAP  
FORCE INITIALS CONDITIONS 40-73-3926  
WRITE INITIALS IN BOX A E N S G W Q C L U

**B 5** SPECIAL CONDITIONS (WRA USE ONLY)

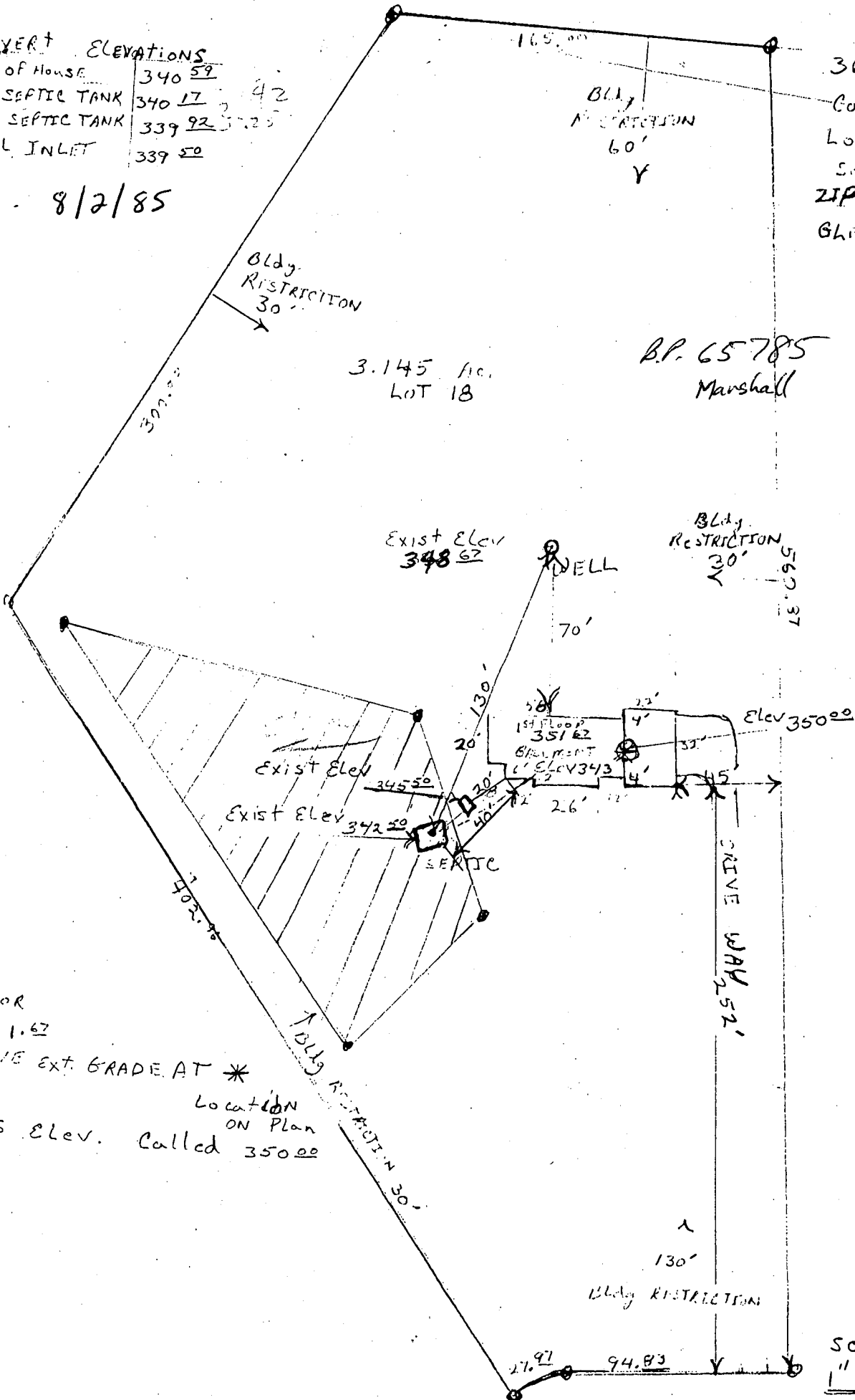
INVERT ELEVATIONS  
 OUT OF HOUSE 340.59  
 INTO SEPTIC TANK 340.17 42  
 OUT OF SEPTIC TANK 339.92 25  
 DRYWELL INLET 339.50

B.M. 8/2/85

3640 POINT II  
 Country SID  
 Lot 018  
 Sect B  
 ZIP 21738  
 GLENNWOOD M

3.145 ac.  
 LOT 18

B.P. 65785  
 Marshall



1st FLOOR  
 ELEV 1.62  
 ABOVE EXT. GRADE AT \*  
 Location ON Plan  
 THIS ELEV. Called 350.00

Bldg. RESTRICTION

SCALE  
 1" = .60'

POINT HITCH RD.