

12/1/86
2 PM

05-384907

12/1/86
Septic ORID
(B)

PERMIT

P. 37727

A. 25143

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH

INDEXED

ELLICOTT CITY

DISTRICT 5th

~~92-3330~~
461-9933

{ I.C.O.P. issued only }
Time expired

DATE 9/30/84

Paul Schissler IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salembottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Allnutt Farms Estates ROAD 13501 Golden Corn Drive LOT 31, Section 4

PROPERTY OWNER Ray & Pat Gross

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 194 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3 feet below original grade. 18 inches of stone below distribution pipe.

LOCATION - Place the distribution box 130 feet from the front lot line and 15 feet from the left lot as seen when facing the lot from Road. Run trenches on level ground toward the right 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

MSA

OLD PERMIT SIGNED

AND RETURNED 8-20-97

Serial # B4107575 - deck

PLANS APPROVED BY S. Abel DATE 6/18/86

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.

BLDG. PERMIT SIGNED

AND RETURNED 11/20/91

Serial # 40377

PERMIT VOID AFTER THREE YEARS.

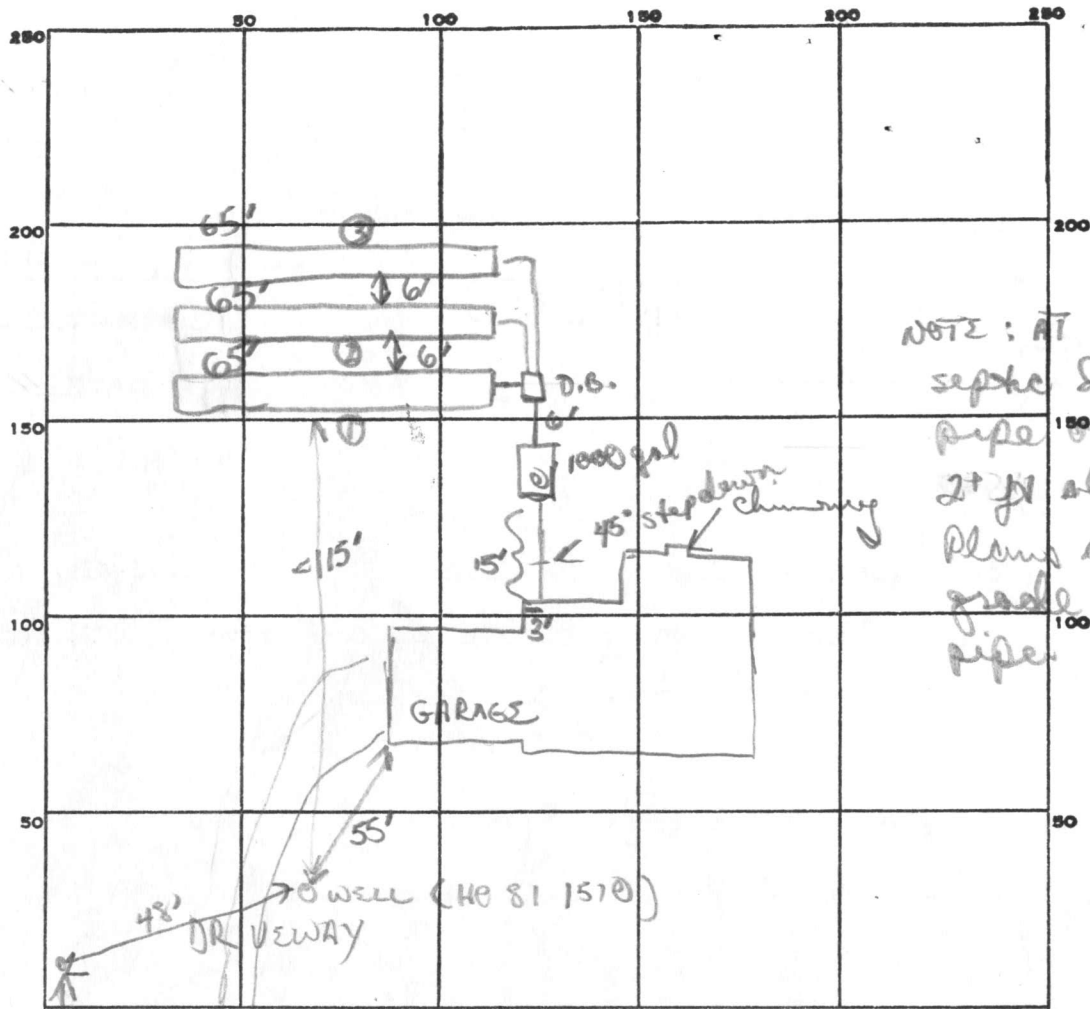
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED

1 story addition

A 25143

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

CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.



NOTE: AT TIME OF septic installation pipe out of house 2" ft above grade. Plans call for final grade to cover over pipe.

194
3
582 MIN

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
GOLDEN CORN RD

PERMIT CARD corner stake final

SEPTIC TANK, LEVEL 1000 gal

CLEANOUTS 1 S.T.

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 4 1/2 all 3 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 18" 18" 18" TOTAL LENGTH 65+65+65 FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 195 x 3

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

ABSORBENT AREA 585 SQ. FT.

REMARKS 12/1/86 OK to cover all 3 trenches, OK to finish remaining
& cover all remaining work
12/1/86 partial WPT also done
See NOTE @ house connection

DATE SYSTEM APPROVED 12/1/86 INSPECTOR B Nijon

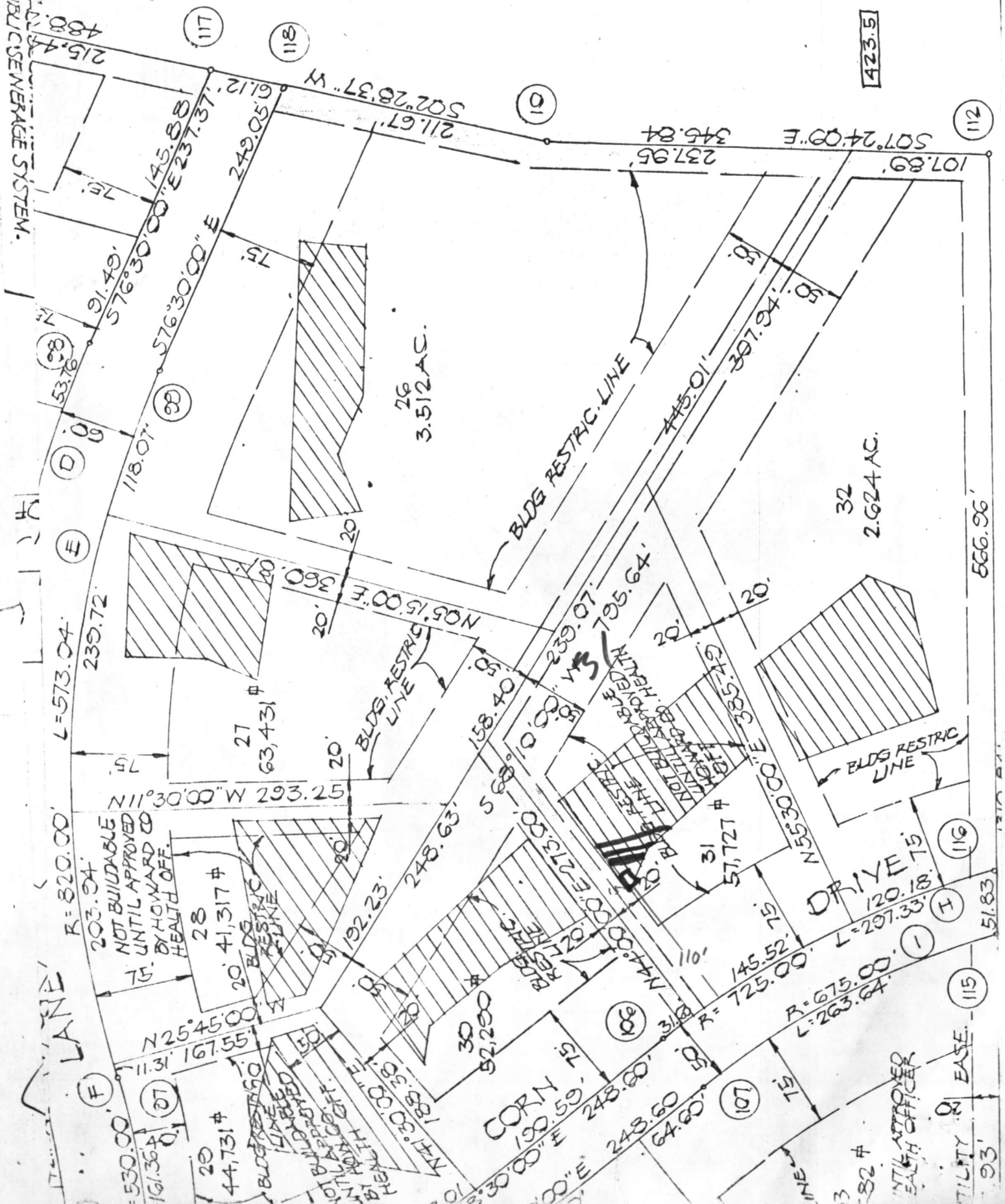
65
3
195
3
585

RALPH D. GRE
268-369

100 YR
FLOOD LEVEL

423.5

PUBLIC SEWERAGE SYSTEM.



L=573.04

R=820.00

NOT BUILDABLE
UNTIL APPROVED
BY HOWARD CO
HEALTH OFF.

26
3.512 AC.

32
2.624 AC.

CORN

DRIVE

UTILITY EASE

93

51.83

566.96

107.89

345.84

237.95

21.67

502° 28' 37\" W

61.12

249.05

175.68

E 237° 37'

118.07

576° 30' 00\" E

91.49

576° 30' 00\" E

215.4

480.0

53.76

75

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IMPROVEMENT LOCATION SURVEY

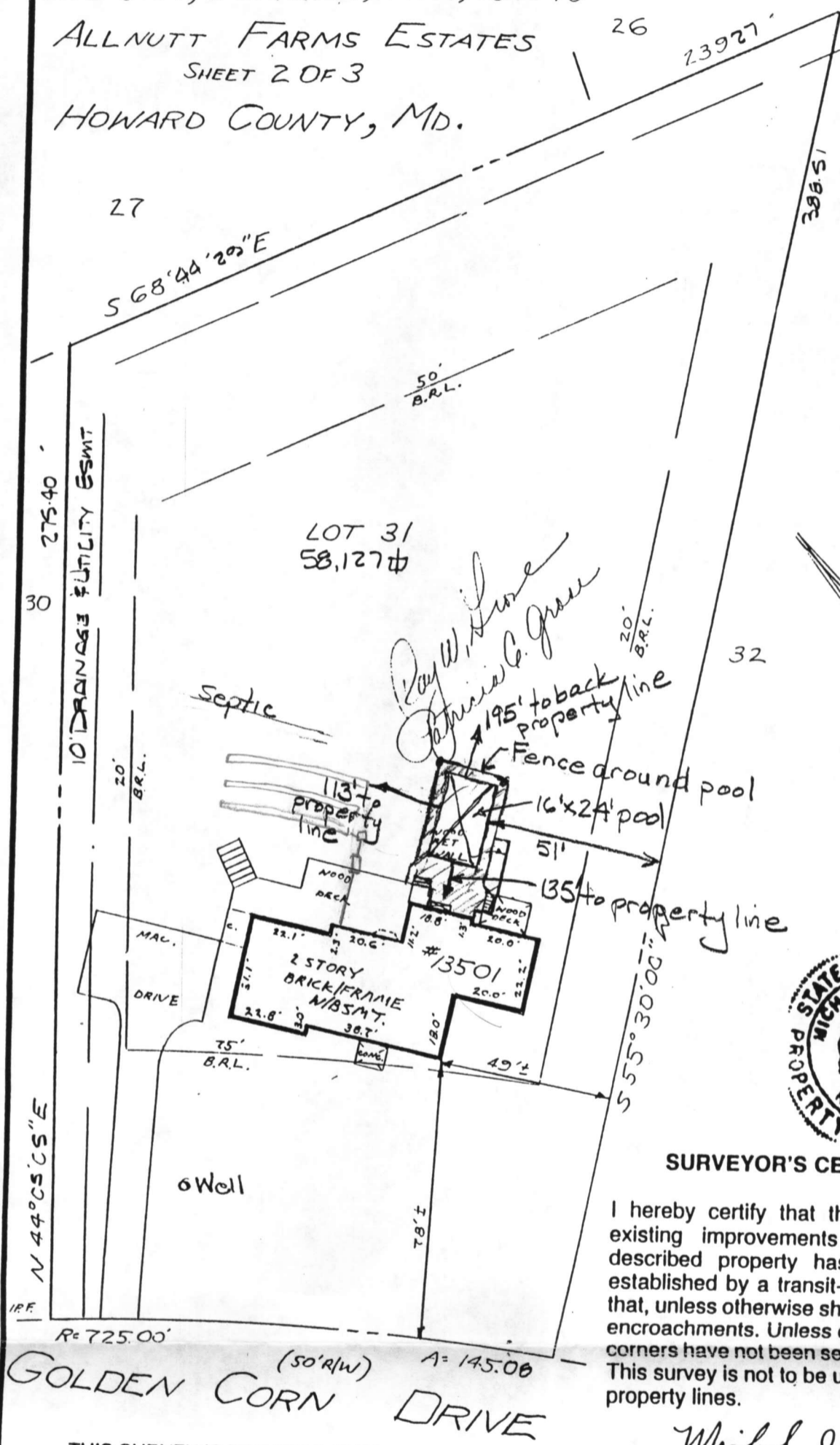
LOT 31

AMENDED FLAT, SECTION IV
 LOTS 3 TO 7, 9 TO 42 & 44, 11 TO 17, 18 TO 40

ALLNUTT FARMS ESTATES
 SHEET 2 OF 3

HOWARD COUNTY, MD.

NOTE: The lot shown hereon does not lie within the limits of the 100 year flood plain as shown on FIRM Panel No. 32. Date of Map 12.4.86 Flood Zone: C



SURVEYOR'S CERTIFICATE

I hereby certify that the position of all existing improvements on the above described property has been carefully established by a transit-tape survey; and that, unless otherwise shown, there are no encroachments. Unless otherwise shown, corners have not been set with this survey. This survey is not to be used to determine property lines.

Michael J. Bazis
 Michael J. Bazis PLS#263

GOLDEN CORN DRIVE
 THIS SURVEY IS FOR TITLE PURPOSES ONLY

| | |
|-----------------|-----------------|
| JOB # 92.1076-H | DATE 4-2-92 |
| FIELD J.B.B. | DRAFT W CB |
| | P.B. P# 4622 |
| | SCALE: 1" = 40' |

R. C. KELLY
LAND SURVEYORS
 10111 COLESVILLE ROAD, SUITE 123
 SILVER SPRING, MD 20901
 301-593-8005
& ASSOC., INC.

APPLICATION

A 25143

P _____

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 Fifth

DATE 9/9/76

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 ~~Mr. and Mrs. Allnutt~~ Ray & Pat Grose
ADDRESS 13288 Highland Road
Highland, MD 20777 PHONE 988-9303

PROPERTY LOCATION:

SUBDIVISION Hi-Land Farm Estates LOT NO. 66

ROAD AND DESCRIPTION Road "C" 13501 Golden Corn Dr.
Highland 20777

SIZE OF LOT 1.31 Ac TYPE BLDG. 3 or 4 bedroom
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/ Margaret G. Allnutt

APPROVED BY [Signature] FOR Dry Well form DATE _____
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNATURE 1986-1886
AND RETURNED _____

THIS IS NOT A PERMIT



7 Perc Time
 14 min
 194 #/BR
 INLET 3'
 BOTTOM 45'

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|------|----------|-------|---------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 3/29 | CF | 4 | 149 | 152 | 152 | 200 | 14 |
| | | 13 | 149 | 151 | 151 | 154 | 3 |
| 3/28 | RF | 4-12' | visual | | | | |
| | | | | | | | |
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| | | | | | | | |

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT: _____

APPLICATION

A 25143

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 Fifth

DATE 9/9/76

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 Mr. and Mrs. Allnutt
13288 Highland Road
ADDRESS Highland, MD 20777 PHONE 988-9303

PROPERTY LOCATION:

SUBDIVISION Hi-Land Farm Estates LOT NO. 66

ROAD AND DESCRIPTION Road "C"

SIZE OF LOT 1.31 Ac TYPE BLDG. 3 or 4 bedroom
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/ Margaret G. Allnutt

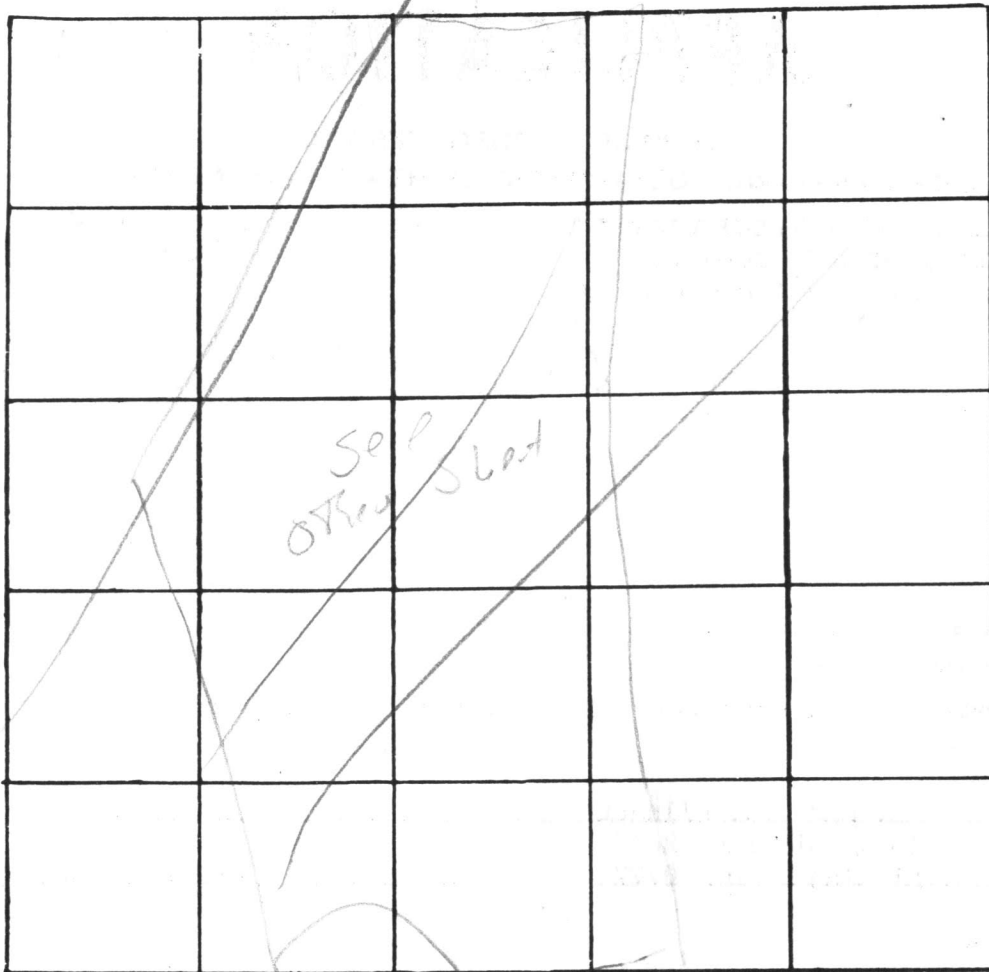
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|------|----------|-------|---------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 3/24 | RR | 11 | Water | | | | |
| | | 3' | 3 15 | 3 22 | 3 22 | 3 44 | 22 |
| | LR | 4' | 3 45 | 3 53 | | 4 10 | 15 |
| | | 13' | Water | | | | |
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OK 7' soil
Road soil at 5'

REMARKS _____

TYPE OF SOIL _____

TESTED BY APJ ALSO PRESENT: _____

C 1 00564 SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER A-25143

DATE Received [] DATE WELL COMPLETED 061386
 Depth of Well 185 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-1310

OWNER MABORRY BASSO + BASSO
 STREET OR RFD GOLDEN CORN ROAD first name TOWN HIGHLAND
 SUBDIVISION ALLNUTT FARMS SECTION 4 LOT 31

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 | | Check if water bearing |
|---|------|-----|------------------------|
| | FROM | TO | |
| Top Soil | 0 | 2 | |
| Sandy | 2 | 40 | ✓ |
| Sand Stone | 40 | 55 | |
| Micka | 55 | 80 | |
| Sand Stone | 80 | 85 | ✓ |
| Micka | 85 | 185 | |

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 21 NO. OF POUNDS 2100
 GALLONS OF WATER 126
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 45 ft.

CASING RECORD
 casing types insert appropriate code below
 STEEL CONCRETE
 PLASTIC OTHER
 MAIN CASING TYPE PL
 Nominal diameter top (main) casing (nearest inch) 6
 Total depth of main casing (nearest foot) 50

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
 STEEL BRASS OPEN HOLE
 PLASTIC OTHER

DEPTH (nearest ft.)
 EACH SCREEN 1 40 2 48 3 185

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
 E ELECTRIC LOG OBTAINED
 P TEST WELL CONVERTED TO PRODUCTION WELL

SLOT SIZE 1 2 3
 DIAMETER OF SCREEN [] (NEAREST INCH)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

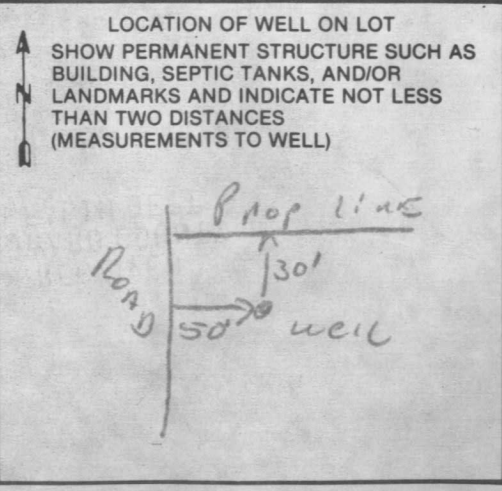
GRAVEL PACK []
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

DRILLERS IDENT. NO. 253
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) WQ
 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 25
 WHEN PUMPING 40
 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other J jet S 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:
 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 (nearest foot)



APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
 Bureau of Environmental Health
 3525-H Ellicott Mills Drive
 Court House Square
 Ellicott City, Md. 21043
 461-9933

12/15/86
 Partial (outside)
 OK

New Installation Replacement
 Receipt # 38181
 Date 11/26/86
 Name of Installer Charles A Klein & Sons Inc Telephone 922-4660
 License number 1643
 Certified Well Pump Installer Well Driller Registered Plumber
 Name of Property Owner M/M Ray Gross - Dino Telephone 744-7637
 Subdivision Allnut Farm Estate Lot # 31 Well tag # HO-81-1510
 Site Address 13501 Golden Corn Drive

Pump Motor Pitless Adapter
 1. Type P! 1. Horsepower 1/2 1. Make B-10
 a. Deep well jet 2. RPM 1050 2. Model # Harvard
 b. Shallow well jet 3. Voltage 3. Depth 4'
 c. Submersible a. 110
 2. Make Myers b. 220
 3. Model #
 4. Capacity GPM
 5. Pump exceeds well capacity Yes No
 6. If Yes, is low pressure cutoff switch installed? Yes No
 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

12/1/86
 pitless in - OK
 no ground - elastic casing

Tank Piping Well data
 1. Capacity 42 effective 1. Type Plastic 1. Depth 80' ft.
 2. Pressure relief valve? Yes 2. Size 1" black 2. Yield 10 GPM
 3. NSF and/or BOCA Code approved 3. Static water level 50 ft.
 4. Depth of supply line 48" 4. Will water supply be disinfected by installer? Yes

12/1/86
 tank square not cut

40 4/8
 pump + power lines in - OK

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Charles A Klein
 Date: 11/26/86

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

BIDD. PERMIT SIGNED
AND RETURNED
6-18-86

30

275.40'

LOT 31
38,121 #

388.51

32

TRENCH:
EXIST. ELEV. = 460.5
INVERT = 457.0
TANK:
EXIST. ELEV. = 460.5 ✓
INV. OUT = 497.5 ✓
INV. IN = 497.9 ✓
INV. @ HOUSE 458.6 ✓

NO SEWER IN BASEMENT

WELL ELEV. 465.5'

194
3-4.5
4BR
260 FE TRENCH

N 44° 05' 05" E

S 55° 33' 00" W

R = 725.00'

L = 145.08'

GOLDEN CORN DRIVE

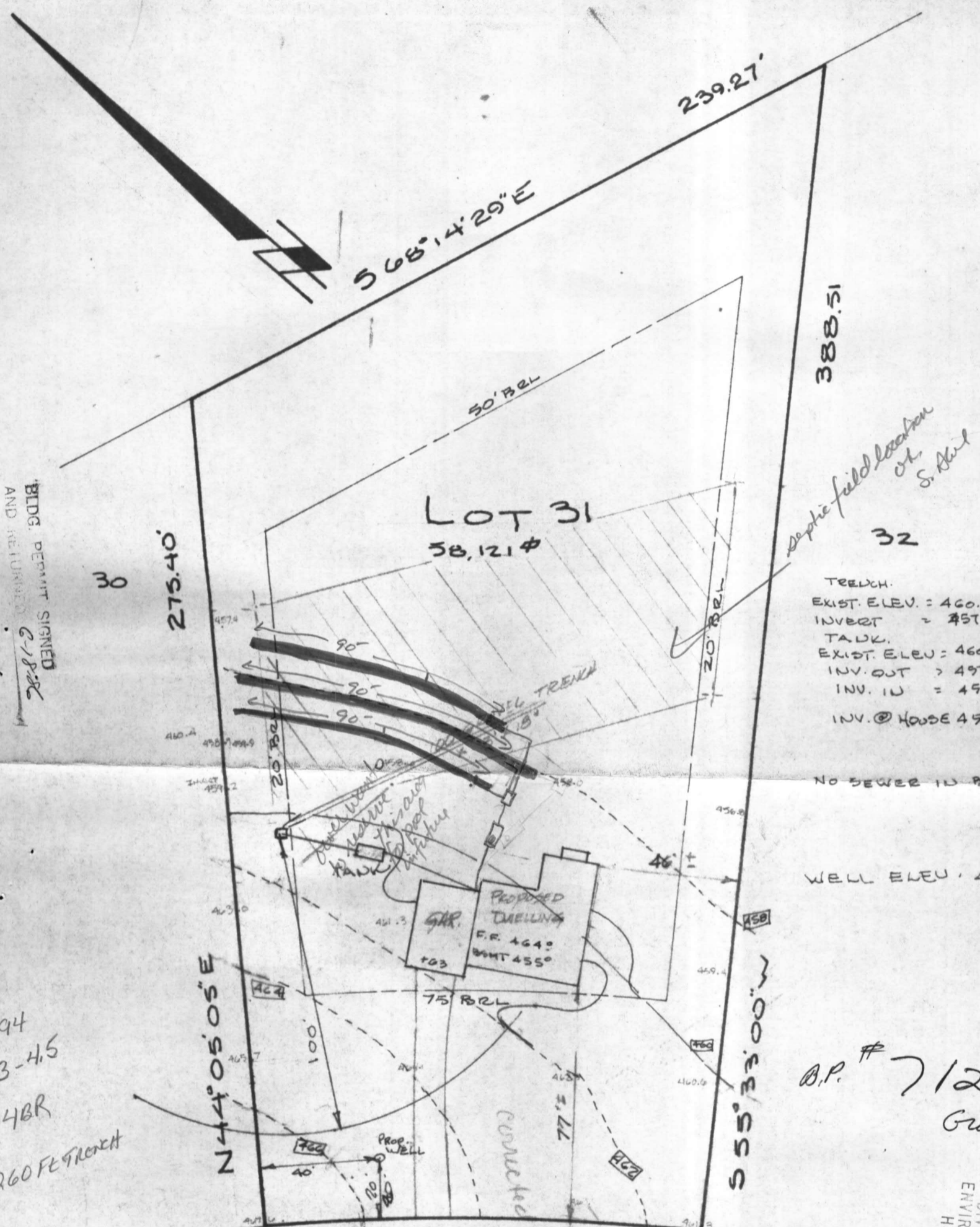
O.P. # 71222
Grose

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
DIVISION OF
ENVIRONMENTAL
HEALTH
JUN 13 9 49 AM '86

SITE PLAN

LOT 31 ALLNUT FARMS ESTATES
AMENDED PLAT SECTION IV PLAT 4622
5TH ELECTION DISTRICT HOWARD COUNTY, MD
SCALE 1" = 40' JUNE 5, 1986

HUDKINS ASSOCIATES, INC.
SUITE 231, JOSEPH SQUARE
5485 HARPERS FARM ROAD
COLUMBIA, MD 21044



239.27'

568°14'29"E

8/20/97

By copy of this plan the HO accepts this modification to the recorded septic easement.

388.8

AU

30

275.40'

LOT 31

38,121.4

32

~~TRENCH
 EXIST. ELEV. = 4
 INVERT = 2
 TANK
 EXIST. ELEV. =
 INV. OUT =
 INV. IN =
 INV. @ HOUSE~~

NO SEWER IL

WELL ELEV

~~DISTRIBUTION
 EXIST. ELEV.
 INVERT~~

~~TANK
 EXIST. ELEV
 INV. OUT =
 INV. IN =
 INV. @ HOUSE~~

~~3 TRENCHES
 : JUDE~~

8/20/97

Shown above

ground pool will

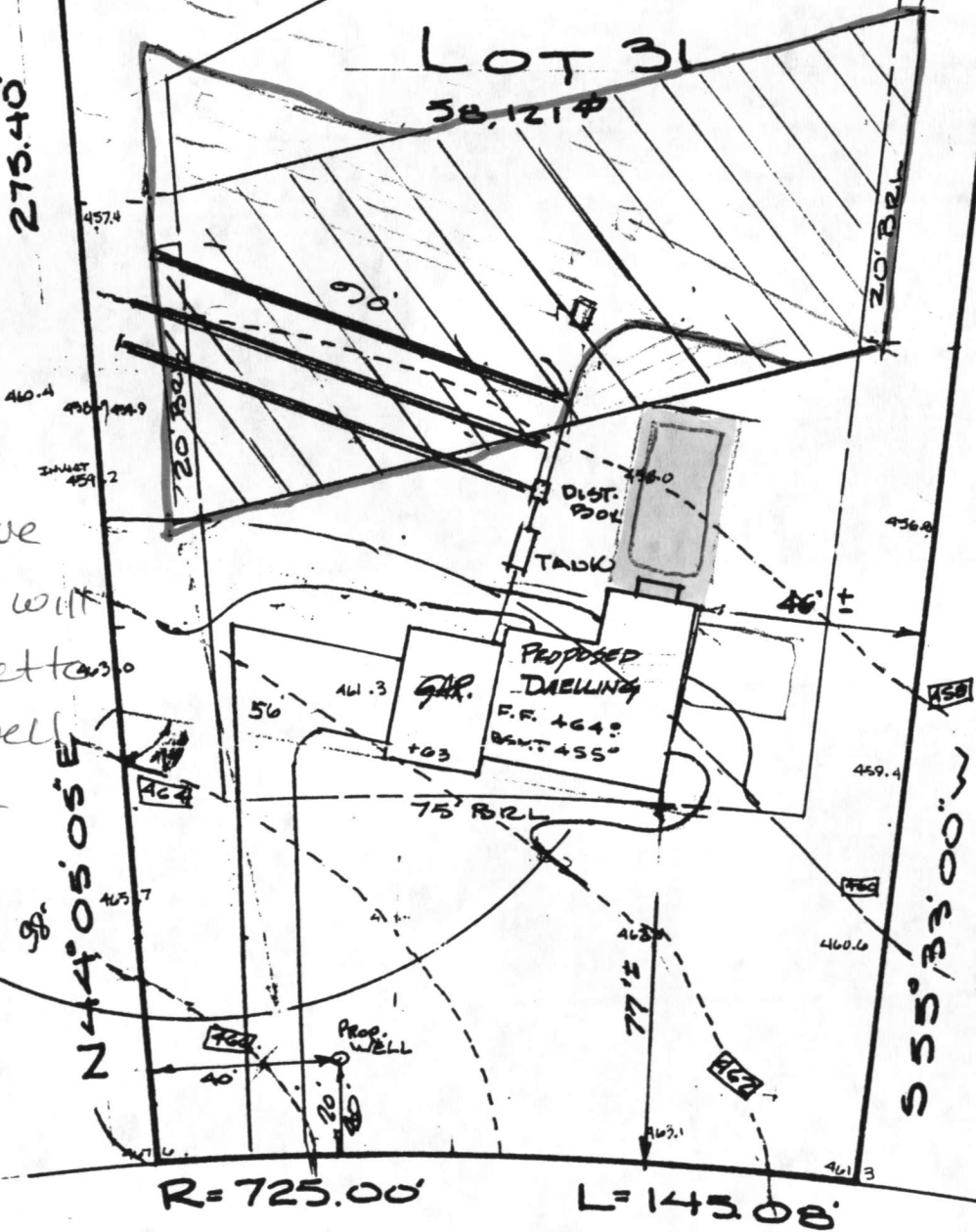
have no impact to

the existing well

or septic. OK

to proceed

AU



GOLDEN CORN DRIVE