

APPROVED 1/7/87

RH 38301

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 5th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

05-398347

DATE 12/18/86

INDEXED

DATE SYSTEM APPROVED \_\_\_\_\_

INSPECTOR \_\_\_\_\_

BOCK BROTHERS  
Lytle Plumbing - Victor Lytle

IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 344 High Knob Lane, Reisterstown, Maryland 21136 PHONE (LYTLE) 833-7483

SUBDIVISION Pheasant Landing ROAD 4505 Linthicum Road LOT 20

PROPERTY OWNER Edward Simpson

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

OK to use 9 1/2' deep trench if necessary RH & CW

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 4 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Place distribution box 210 feet from the rear lot line and 255 feet from the right lot line as seen when facing the property from Linthicum Road. Run trench(s) along level ground toward left lot line.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. d/cw

TRENCHES NOT INSTALLED AT RECOMMENDED WIDTH & DEPTH BUT ARE EQUIVALENT

PLANS APPROVED BY C. Williams DATE 1/23/86

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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 TWO YEARS.

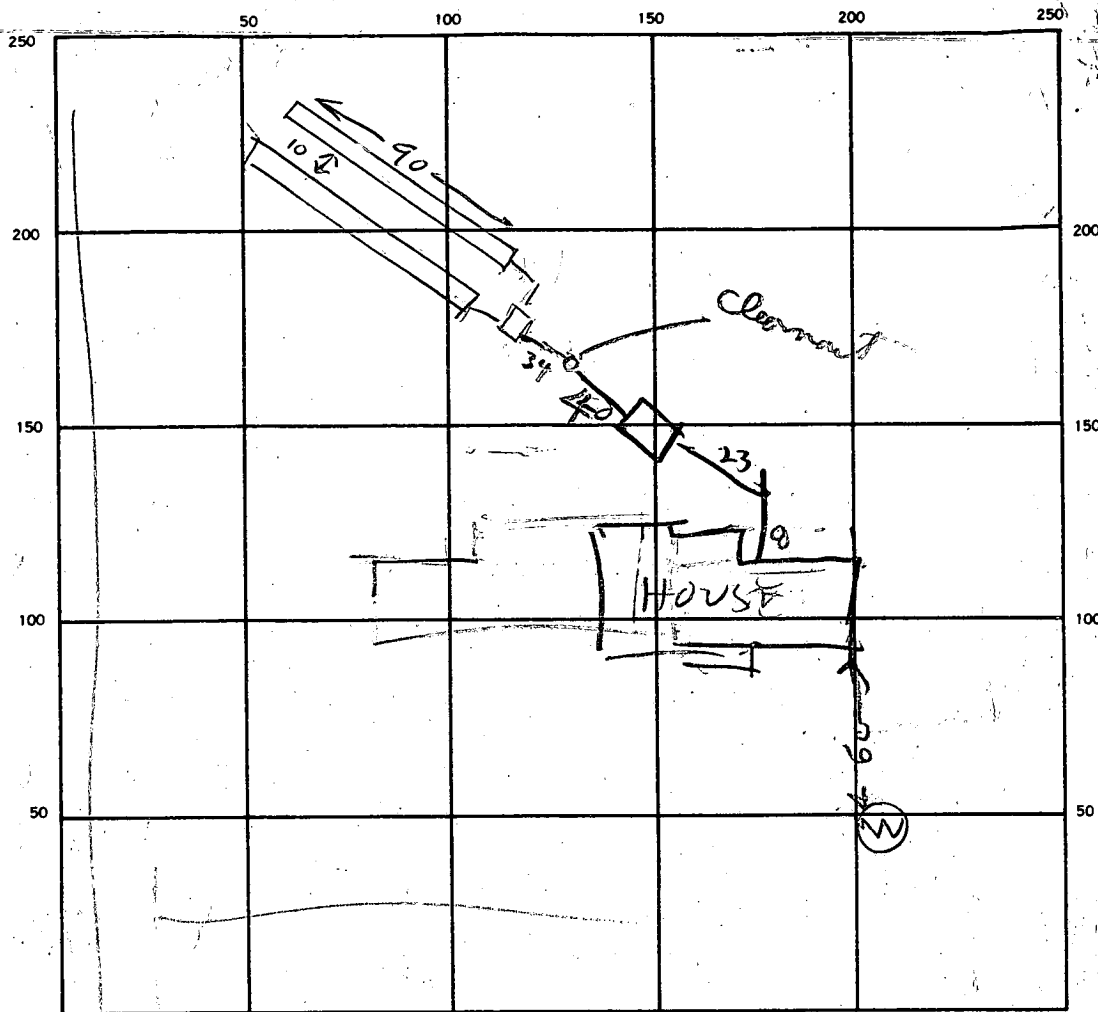
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 35257



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL OK 1000 CLEANOUTS SI - NECOS CAP

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 9 1/2 FT. TRENCH WIDTH 2 1/2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 55 (ONLY 35) FT. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 2 (90+90) ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

(540 REQUIRED BUT TRENCH ONLY 2 1/2" WIDE RH)

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

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

REMARKS 12/17/86 OK TO MOVE TANK FARTHER FROM HOUSE THAN SHOWN ON PLANS RH

12/30/86 AM - NOT READY RH 12/30/86 PM - OK TO COVER TANK &

HOUSE SEWER RH.

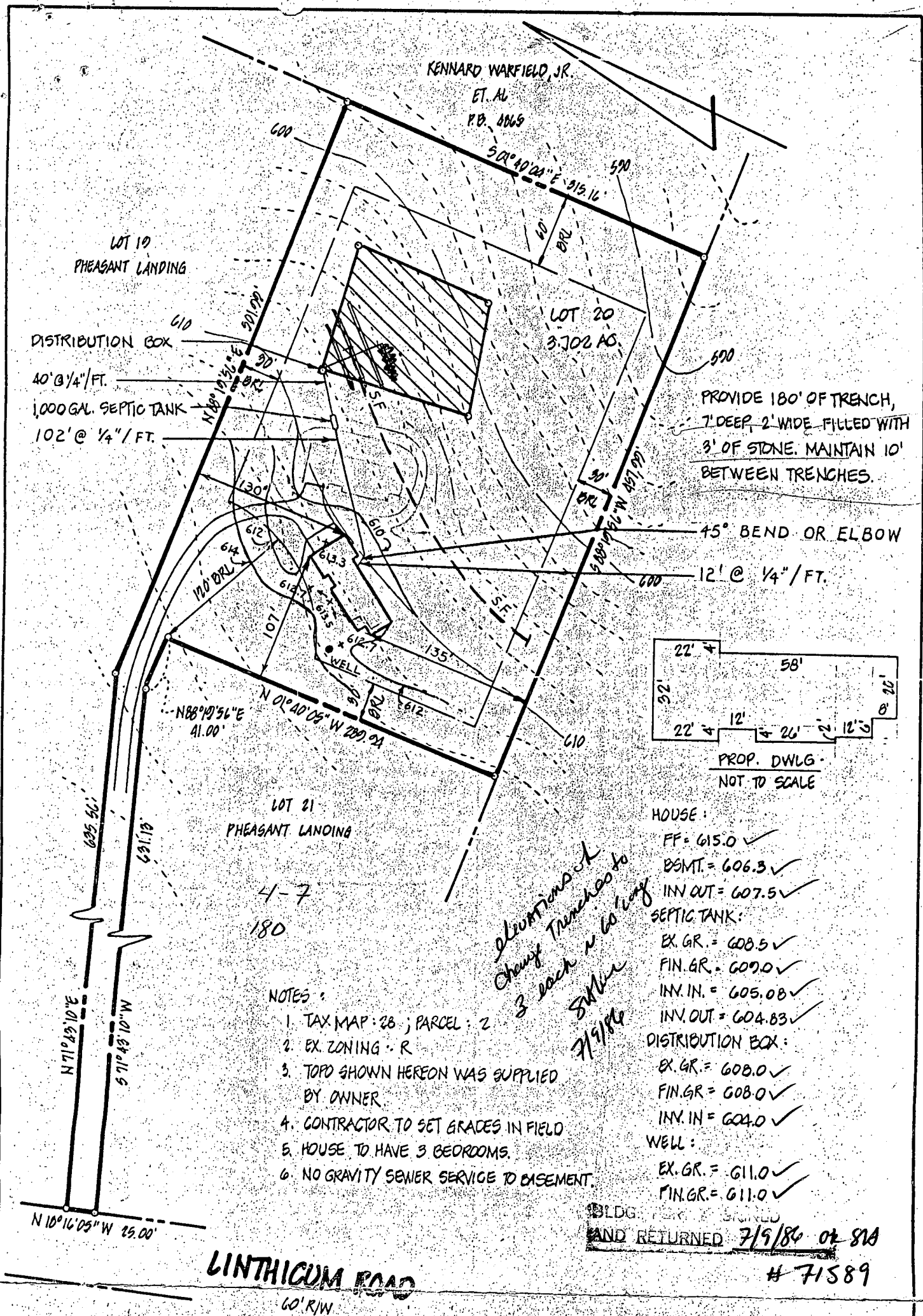
12/31/86 - 2 TRENCHES 7' DEEP OK TO ADD GRAVEL. CW 1/2/87 - OK TO COVER

TANK TO BOX TRENCHES 9 1/2' TO 7' DEEP 18" STONE NEEDED

TANK TO CRAIG HE SAID OK TO GO DEEPER 1/5/86 - NOT READY RH 1/6/86 NOT READY RH

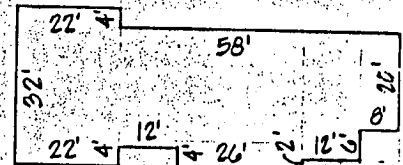
1/7/87 OK TO COVER. SYSTEM EXTRA LARGE BOT TRENCH MARK

DATE SYSTEM APPROVED 1/7/87 INSPECTOR Raymond J. Fudge



PROVIDE 180' OF TRENCH,  
7' DEEP, 2' WIDE FILLED WITH  
3' OF STONE. MAINTAIN 10'  
BETWEEN TRENCHES.

45° BEND OR ELBOW  
12' @ 1/4" / FT.



PROP. DWLG.  
NOT TO SCALE

- HOUSE:
- FF = 615.0 ✓
  - BSMT. = 606.3 ✓
  - INN OUT = 607.5 ✓
- SEPTIC TANK:
- EX. GR. = 608.5 ✓
  - FIN. GR. = 609.0 ✓
  - INV. IN. = 605.08 ✓
  - INV. OUT = 604.83 ✓
- DISTRIBUTION BOX:
- EX. GR. = 608.0 ✓
  - FIN. GR. = 608.0 ✓
  - INV. IN = 604.0 ✓
- WELL:
- EX. GR. = 611.0 ✓
  - FIN. GR. = 611.0 ✓

*Eliminate  
Cherry Trenches to  
3 each ~ 60' long  
S.M.A.  
7/9/86*

NOTES:

1. TAX MAP: 28 ; PARCEL: 2
2. EX. ZONING: R
3. TOPD SHOWN HEREON WAS SUPPLIED BY OWNER.
4. CONTRACTOR TO SET GRADES IN FIELD
5. HOUSE TO HAVE 3 BEDROOMS.
6. NO GRAVITY SEWER SERVICE TO BASEMENT.

**LINTHICUM ROAD**  
60' R/W

BLDG. PERM. & SIGNED  
AND RETURNED 7/9/86 OF 81A  
# 71589

PLAT REFERENCE: LOTS 10 THRU 21 - PHEASANT LANDING - RECORDED AS PLAT 6566

TITLE: <b>GRADING STUDY</b>				
PROJECT: <b>LOT 20 - PHEASANT LANDING</b>				
LOCATION: <b>9TH ELECTION DISTRICT TAX MAP 28 HOWARD CO., MD.</b>				
SCALE: 1"=100'	DESIGNED BY: J.T.N.	DRAWN BY: M.A.	CHECKED BY:	DATE: APRIL, 1986
FIELD BOOK:	PAGE NO.:	JOB NO.: 8664	DRAWING NO.: 1 OF 1	

**boender associates**  
inc.  
consulting engineers  
land surveyors  
land planners

COURTHOUSE SQUARE  
3565 ELLICOTT MILLS DRIVE  
ELLICOTT CITY, MD. 21043  
(301) 465-7777