

5-13-87
2 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

03-310 051
INDEXED

P 39187

A 33082

DISTRICT 3rd

DATE 4/21/87

DATE SYSTEM APPROVED 5/14/87

INSPECTOR [Signature]

Andy Snow IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 854-6410

SUBDIVISION W-B Property ROAD 13855 Burntwoods Dr LOT 6

PROPERTY OWNER Martin Kline

**BUILDING PERMIT SIGNED
AND RETURNED**

ADDRESS _____

914 Mos Road 155921 - Sunroom

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 210 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 1/2 feet below original grade. Effective area begins at 4 feet below original grade. 4 1/2 feet of stone below distribution pipe.

LOCATION - Place the trench between perc hole (1) and perc hole (4). Perc hole (1) is located 330 feet from the back lot line which is 475 feet long and 220 feet from the left lot line which is 763.35 ft. long. Perc hole (4) is located 450 feet from the 475 ft. long lot line and 140 feet from the 763 ft. long lot line as seen when facing property from Burntwoods Road. Run trenches along contour between holes 1 & 4.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY R. Hodges/B. Nixon DATE 7/22/85 - 3/23/87

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.

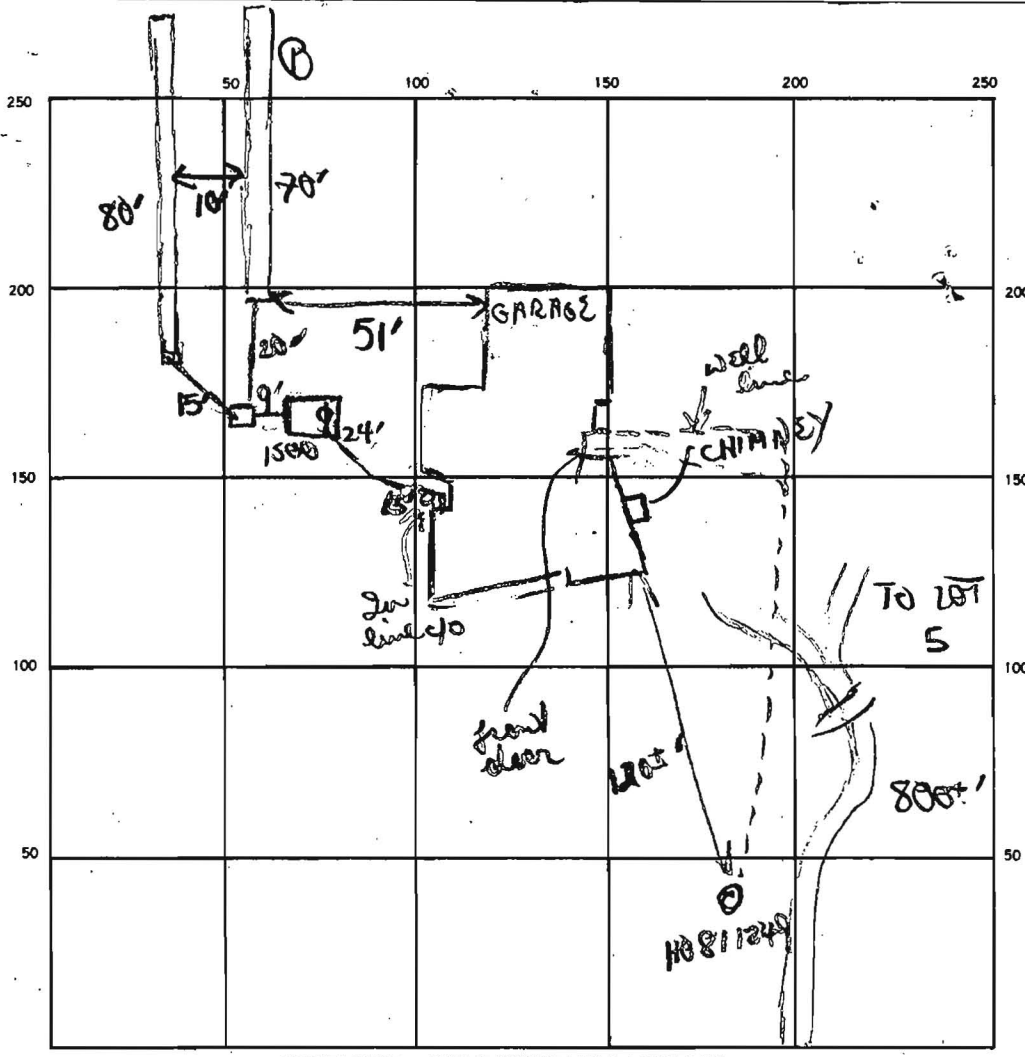
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 33082



$$45 \sqrt{630} = 140$$

$$\frac{45}{180}$$

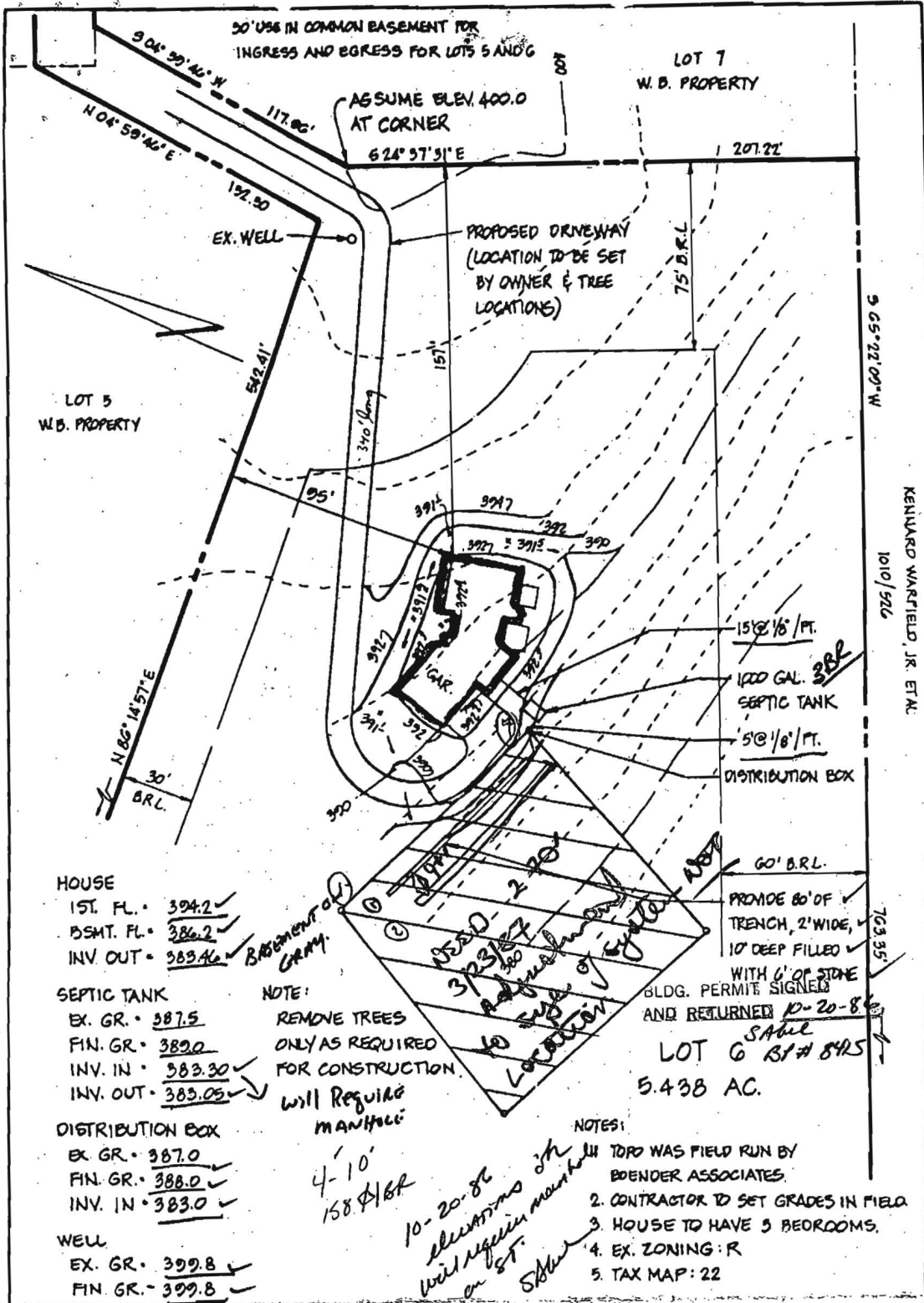
INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE
 ← TO R32 32
BURNTWOODS RD

SEPTIC TANK. LEVEL 15000 gal CLEANOUTS 1 In line 1 S.T.
 DISTRIBUTION BOX. LEVEL w/ baffle
 DRAIN FIELD/TILE FIELD. DEPTH 9' FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 + 4 FT.
 EFFECTIVE GRAVEL DEPTH 4 1/2 4 1/2 FT. TOTAL LENGTH 80 70 FT.
 NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 360 + 31.5 SQ. FT.
 DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA 675 SQ. FT.

80
 45
 450
 320
 70
 45
 350
 280

REMARKS 5/13/87 Soils in lower trench show patches of deeper clay
∴ extended trench extra 10' for additional area. OK to add
stone pipe paper to both trenches. OK to partial backfill
1st trench to access trench #2.
5/14/87 OK to cover trenches 1 & 2. Cementing OK'd - OK to
cover all work

DATE SYSTEM APPROVED 5/14/87 INSPECTOR B Nelson



HOUSE
 1ST. FL. • 394.2 ✓
 BSMT. FL. • 386.2 ✓
 INV. OUT. • 383.46 ✓

SEPTIC TANK
 EX. GR. • 387.5 ✓
 FIN. GR. • 389.0 ✓
 INV. IN. • 383.30 ✓
 INV. OUT. • 383.05 ✓

DISTRIBUTION BOX
 EX. GR. • 387.0 ✓
 FIN. GR. • 388.0 ✓
 INV. IN. • 383.0 ✓

WELL
 EX. GR. • 399.8 ✓
 FIN. GR. • 399.8 ✓

NOTE:
 REMOVE TREES ONLY AS REQUIRED FOR CONSTRUCTION.
 Will require manholes:

4'-10"
 158 1/8"

NOTES:
 1. TOPO WAS FIELD RUN BY BOENDER ASSOCIATES.
 2. CONTRACTOR TO SET GRADES IN FIELD.
 3. HOUSE TO HAVE 3 BEDROOMS.
 4. EX. ZONING: R
 5. TAX MAP: 22

PLAT REFERENCE: W.B. PROPERTY, LOTS 5, 6 AND 7, SECTION 1, AREA 1, RECORDED AS PLAT G443

| | | | | |
|--|------------------------|---------------------|------------------------|---------------------|
| TITLE: GRADING STUDY | | | | |
| PROJECT: LOT 6 - W.B. PROPERTY | | | | |
| LOCATION: 3RD ELECTION DISTRICT HOWARD CO., MD. | | | | |
| SCALE: 1"=50' | DESIGNED BY: J.J.B. | DRAWN BY: J.J.B. | CHECKED BY: | DATE: MAR., 1986 |
| FIELD BOOK: | PAGE NO.: | JOB NO.: 86010 | DRAWING NO.: 1 OF 1 | |

boender associates
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 land surveyors
 land planners

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KENNARD WARFIELD, JR. ET AL.
 10/10/526