

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

TAX ID# 04-346688

P 49316  
A 38372

DISTRICT 4th

DATE 1/04/88

DATE SYSTEM APPROVED 5/31/89

INSPECTOR CW

T & R Plumbing & Heating, Inc. IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 9921 Washington Boulevard, Laurel, Maryland 20707 PHONE 725-2392

SUBDIVISION Glenwood Springs ROAD 2805 Shadow Roll Ct LOT 24

PROPERTY OWNER Mr. and Mrs. Shields

ADDRESS 10-2204 BODD830-2 STORY ADD.

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

GARBAGE GRINDER? YES ☐ NO ☒

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 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 - Start the first trench 170 feet from the front lot line and 100 feet from the left lot line as seen when facing the property from Glenwood Springs Drive. Run trenches along contour toward ~~rear~~ lot line.

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 C. Williams DATE 3/24/88

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

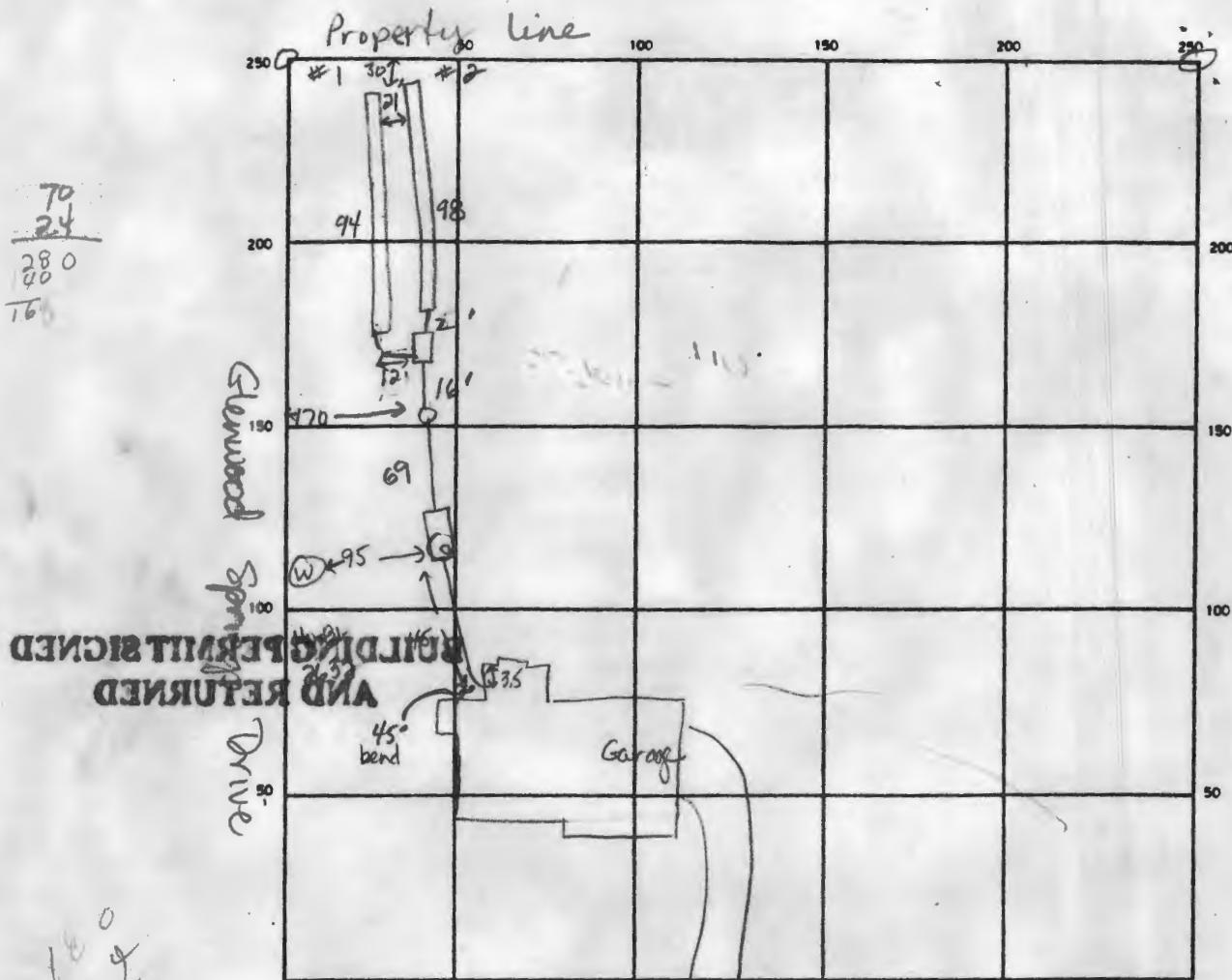
BUDG. PERMIT SIGNED  
AND RETURNED 3/17/89

QUAL # 24/20

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

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

Pro.



Shadow Roll Court

Manhole Needed

SEPTIC TANK. LEVEL 1500 gal

CLEANOUTS one on S Tank (4' below grade)

DISTRIBUTION BOX. LEVEL OK Needs baffle

DRAIN FIELD TILE FIELD. DEPTH 7.5 7.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 1 2 FT.

EFFECTIVE GRAVEL DEPTH 3.5 3.5 FT. TOTAL LENGTH 94 98 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 376 / 392 50 FT. 768

DRYWELL INSIDE DIAMETER            FT. EFFECTIVE DEPTH BELOW INLET            FT.

ABSORBENT AREA            SQ. FT.

REMARKS 4-5-89 OK to add stone, pipe & paper to trenches leaving both ends open. septic tank is 4 ft below grade. Must place manhole cover over tank unless grade is reduced. Do Not final until resolved. OK to cover around septic tank and lines to house and distribution box once cemented at tank JEN

4/6/89-COVER SYSTEM BUT INSTALL MANHOLE ON TANK & CALL FOR INSPECTION RIT

DATE SYSTEM APPROVED 5/31/89

INSPECTOR Cwellman

MANHOLE CLEANOUT CONFIRMED BY DWABE 5/31/89 C.W.

# HOWARD COUNTY HEALTH DEPARTMENT

JOSCELYN BOYD, M.D., M.P.H.  
COUNTY HEALTH OFFICER



Bureau of Environmental Health  
3525 Ellicott Mills Drive  
Ellicott City, Maryland 21043

Director - 461-9956  
Water & Sewerage, Permits - 461-9933  
Community Environmental Health - 461-9944  
Technical Services - 461-9955

August 7, 1989

Mr. & Mrs. Shields  
2838 Shadow Roll Court  
Glenwood, Maryland 21738

RE: Glenwood Springs - Lot 24  
Shadow Roll Court  
Well Tag No. HO-81-2632

Dear Mr. & Mrs. Shields:

This is to advise you that the septic system was installed, inspected and approved on May 31, 1989.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

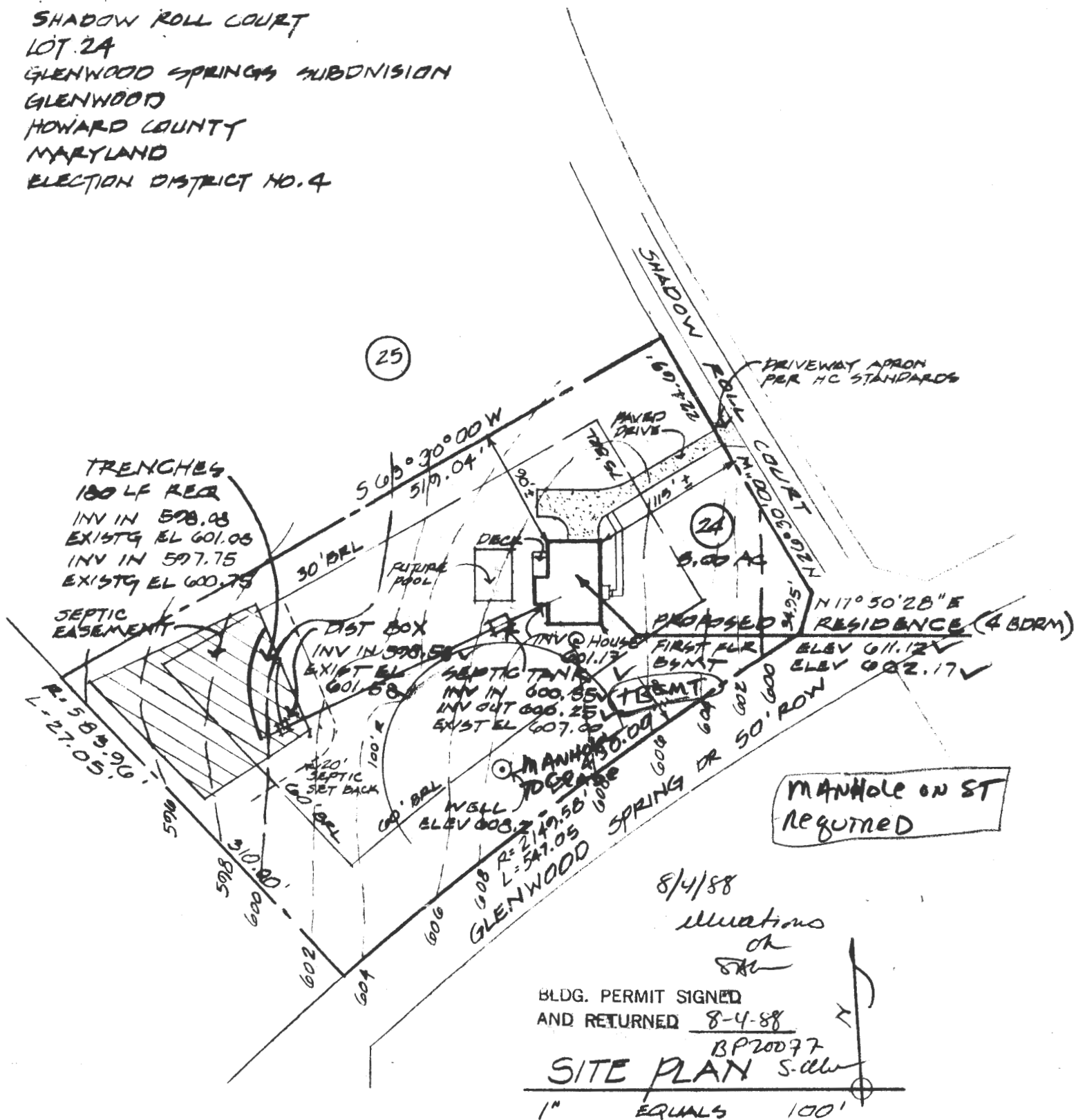
The nitrate sample result was previously documented to be 12.5 parts per million. A nitrate device has been installed to treat the previously documented excessive nitrate contamination. The nitrate removal system appears to be operating properly as evidenced by the recent water sample taken on May 22, 1989.

COMAR 10.17.13.09 prohibits approval of any water supply with a nitrate-nitrogen contaminant level in excess of 10 parts per million. This department will grant a permanent deviation to that section of the regulation on condition that the nitrate removal system effectively maintains the nitrate-nitrogen contaminant level below the 10 parts per million requirement.

Furthermore, it will be necessary for you to continue to comply with the following conditions:

1. The system must be properly operated and maintained continuously, in accordance with the service contract for the life of the residence. You must supply this department with a copy of that contract.
2. It is recommended that a nitrate analysis be performed.
3. If, in the future, you decide to sell or rent your home, you must make any potential buyer/tenant aware of the above conditions.

SHADOW ROLL COURT  
LOT 24  
GLENWOOD SPRINGS SUBDIVISION  
GLENWOOD  
HOWARD COUNTY  
MARYLAND  
ELECTION DISTRICT NO. 4



PROPOSED RESIDENCE FOR  
VADEN & GINNY SHIELDS

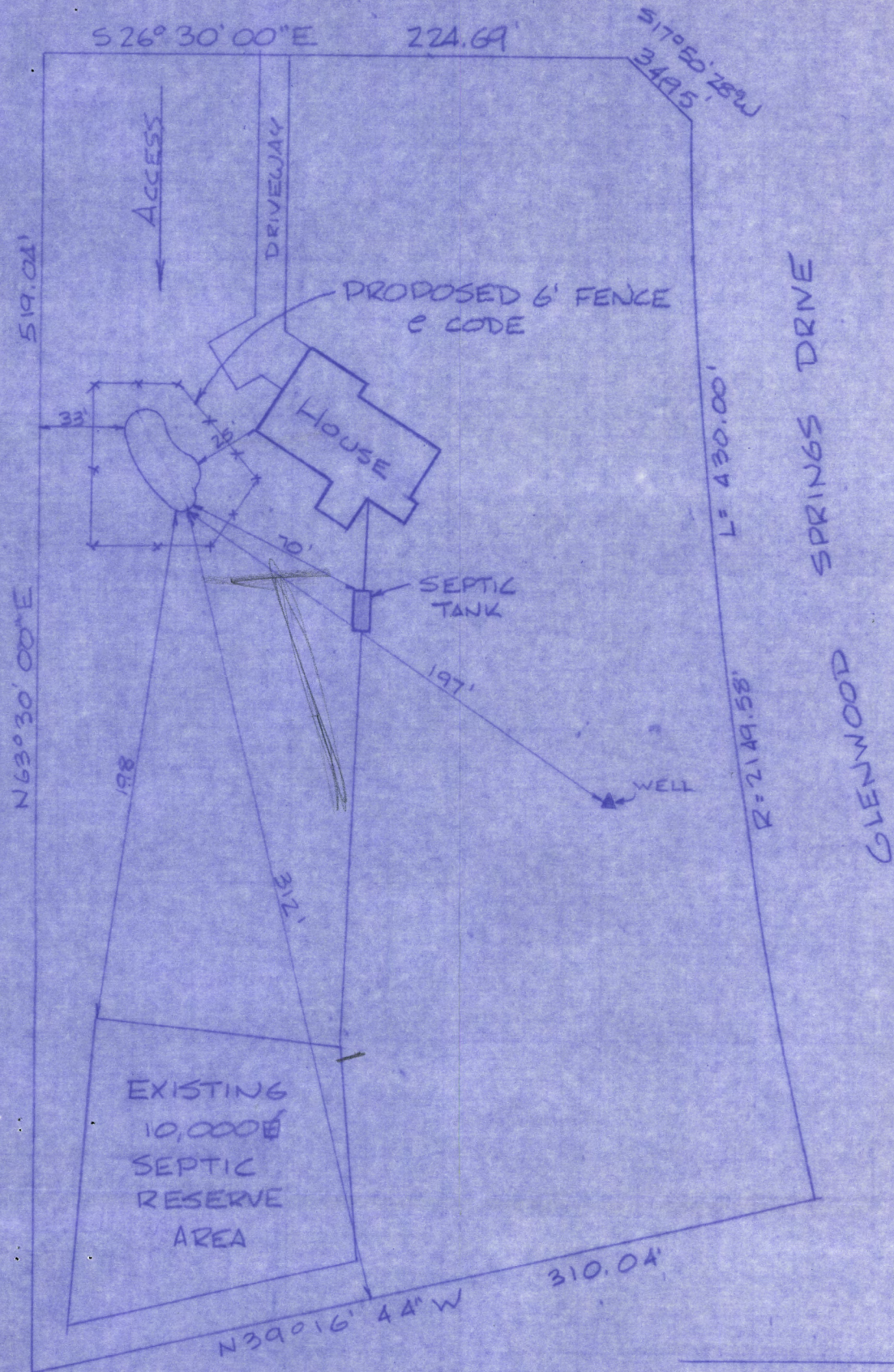
HOWARD THOMPSON BUILDERS  
6275 FIRETHORN LN CLARKSVILLE, MD 21029  
301-531-2299 7-27-88

I CERTIFY THAT THE ABOVE MEASUREMENTS ARE ACTUAL & CORRECT FOR THIS PROPERTY

Howard Thompson - Pres.  
HOWARD THOMPSON



SHADOW ROLL COURT



SCALE 1" = 60'