

12/5/96  
2:00  
12/6/96 1:00  
12/10/96  
1:00 C.O.

# PERMIT

## SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

**INDEXED**

P57363

A 19071

DISTRICT 4th

DATE 10/28/96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

DATE SYSTEM APPROVED 12/11/96

INSPECTOR ALM

Michael T. Stysley

IS PERMITTED TO INSTALL  ALTER

ADDRESS 1644 Old Frederick Road, Mt. Airy, MD 21771 PHONE 410-442-2190

SUBDIVISION Shaffer's Mill Estates LOT 5 ROAD 1739 Florence Road

PROPERTY OWNER Michael T. Stysley

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

**BUILDING PERMIT SIGNED  
AND RETURNED**

*5-5-03 800141617-CONCRETE PATIO*

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - As seen from Flagstem, start first trench 150 feet from the rear lot line and 135 feet from the right lot line. Run trenches on contour towards the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 9/24/96 DKS*

PLANS APPROVED BY Mark Rifkin/Donna K. Soe

REVISED DATE 09/20/96

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, 90° ELBOWS NOT ACCEPTABLE.

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

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 35/40 PVC OR ABS

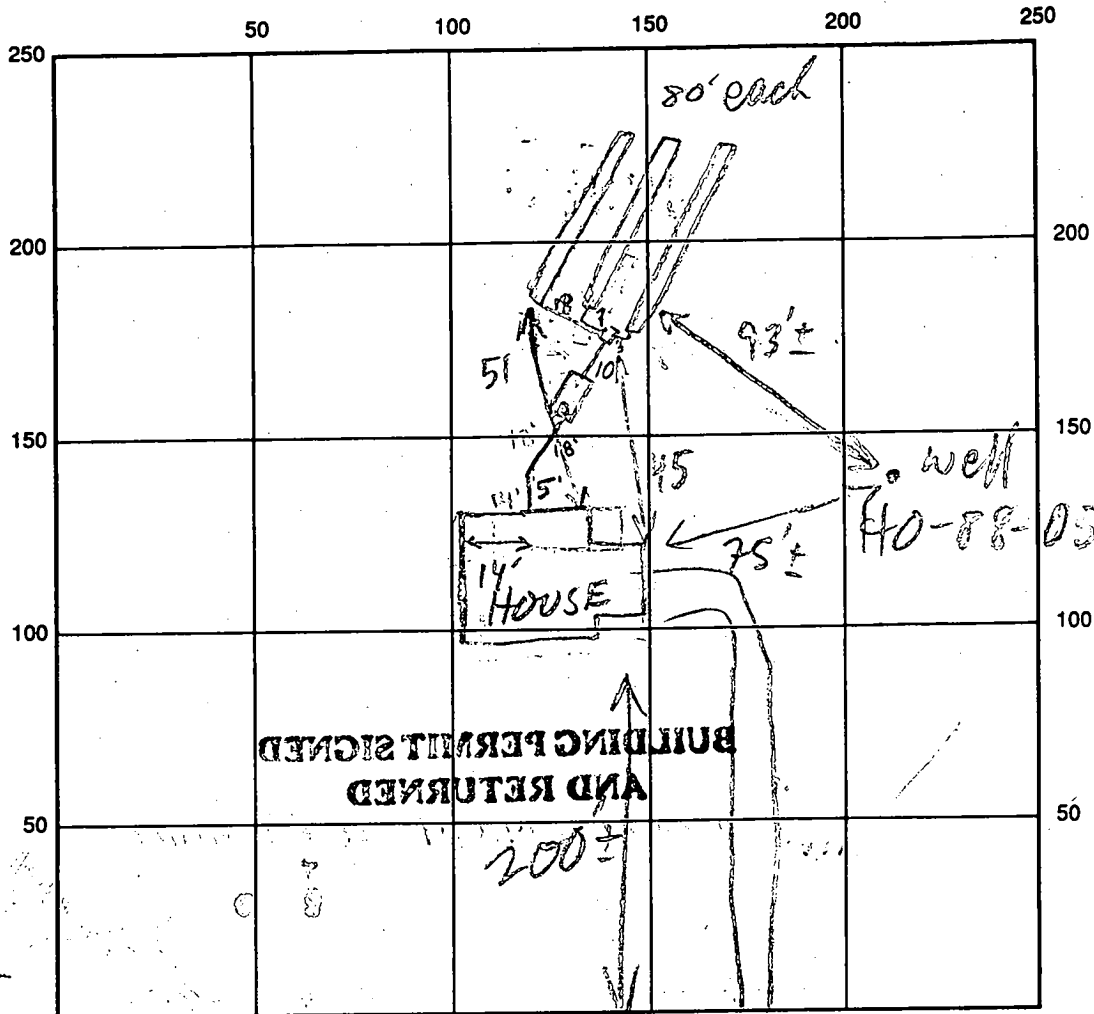
PERMIT VOID AFTER TWO YEARS

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 PVA 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**

A 19071  
P57363



FLORENCE RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on site  
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN  
 DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.  
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 3 @ 80 FT.  
 NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA 3 @ 320 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: Trench 1 OK to stone continue  
12/6/96 OK to cover from house to distribution box, OK to stone 1st and 2nd  
trench, continue KAM/DKS 12/10/96 OK - CONTINUE w/ TRENCH (3) MR  
12/11/96 System complete - OK to cover final - no inspection of stone in  
12/5/96 WPI OK KAM last trench ALM

DATE SYSTEM APPROVED 12/11/96 INSPECTOR A McMullen

# APPLICATION

A 19071

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 478, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 386

DISTRICT 4

DATE 10-16-73

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 ~~Wm. J. Blackert, Sr., ET AL.~~ Michael Styxley

ADDRESS 18001 Shaffers Mill Rd., Mt. Airy, Md. PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. Parcel #5

ROAD AND DESCRIPTION 1739 Florence Rd., Mt. Airy, Md.

SIZE OF LOT 40,000 sq. ft. plus or minus TYPE BLDG. 3 or 4 Bedrooms  
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 Robert Blackert /rs/

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

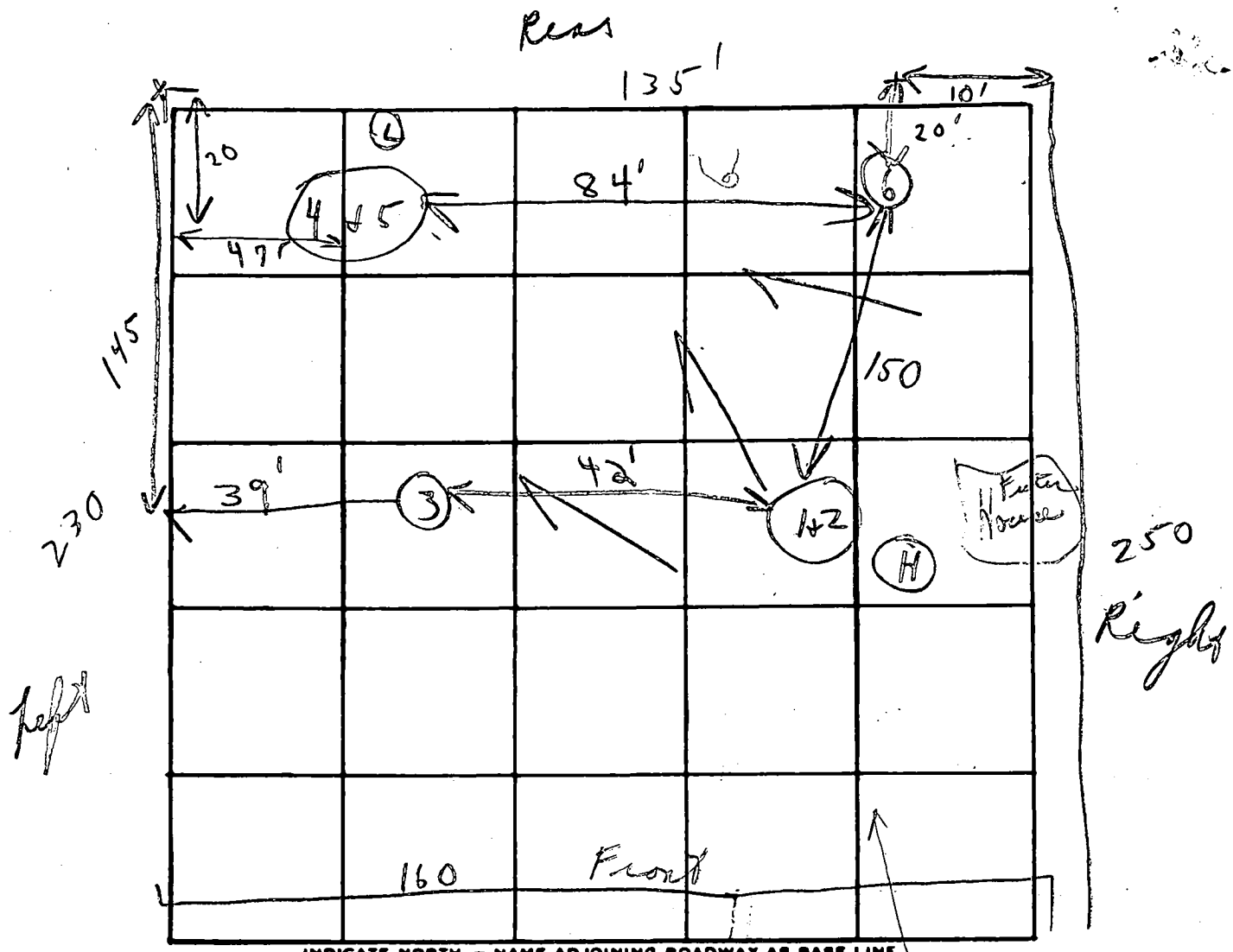
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

BLDG. PERMIT SIGNED  
AND RETURNED 9/20/73  
Seal # B01102206  
SFD - 4Bm

# THIS IS NOT A PERMIT



Florence Parcel #5

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/31/73	1	4'	10:14	10:19	10:19	10:25	6 min
	(H) 2	11'	10:14	← : →		10:16	2 min
	3	10 1/2'	Visual similar to 1+2				
	4	4 1/2'	10:12	10:19	10:19	10:43	24 min
	5	12'	10:12	10:19	10:19	10:31	12 min
	6	11'	Visual similar to 4 + 5				

Avg time 11 min  
Inlet 4 ft  
outlet 8'

REMARKS \_\_\_\_\_

TYPE OF SOIL shaly silt

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer T.M. Bernard Pllg. & Htg

Telephone 410-416599

License Number #7248

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner Michael J. Stipley

Telephone 442-2930

Subdivision Shoppers Mill Cof. Lot # 5 Well Tag # \_\_\_\_\_

Site Address 1739 Florence Rd.

Pump

- Type
  - Deep well jet
  - Shallow well jet
  - Submersible
- Make \_\_\_\_\_

Motor

- Horsepower \_\_\_\_\_
- RPM \_\_\_\_\_
- Voltage  a. 110  b. 220

Pitless Adapter

- Make \_\_\_\_\_
- Model # \_\_\_\_\_
- Depth \_\_\_\_\_

3. Model # \_\_\_\_\_

4. Capacity 7 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 \_\_\_\_\_

Tank

- Capacity 17 gal.
- Pressure relief valve? \_\_\_\_\_

Piping

- Type blk
- Size 1"
- NSF and/or BOCA Code approved Yes
- Depth of supply line 42"

Well data

- Depth 220 ft.
- Yield 10 GPM
- Static water level 82 ft.
- Will water supply be disinfected by installer? yes

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: Timothy M. Bernard

Date: 12/4/96

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

C1 2376 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

COUNTY NUMBER A-19071

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL 220 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-88-C-48

OWNER BLACKBURN FLORENCE RO STREET OR RFD FLORENCE RD TOWN MT. AIRY SUBDIVISION BLACKBURN MILL ESTATE SECTION 4 LOT 5

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, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, B1 Shale, Tan Slate, Bl Slate, B1 Slate, Tan Slate, B1 Slate, Tan Slate, Bl Slate, Tan Slate, Bl Slate, Tan Slate, Bl Slate, opening, Bl Slate.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

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

MAIN CASING Nominal diameter top (main) casing TYPE (S, T) Nominal diameter of main casing Total depth of main casing

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

SCREEN RECORD screen type or open hole insert appropriate code below (ST, BR, PL, HO, OT) STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

DEPTH (nearest ft.) 110, 61, 220. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH)

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 5 PUMPING RATE (gal. per min. to nearest gal.) 100 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING 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) LAND SURFACE (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)

CIRCLE APPROPRIATE LETTER 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 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.

DRILLERS IDENT. NO. 46

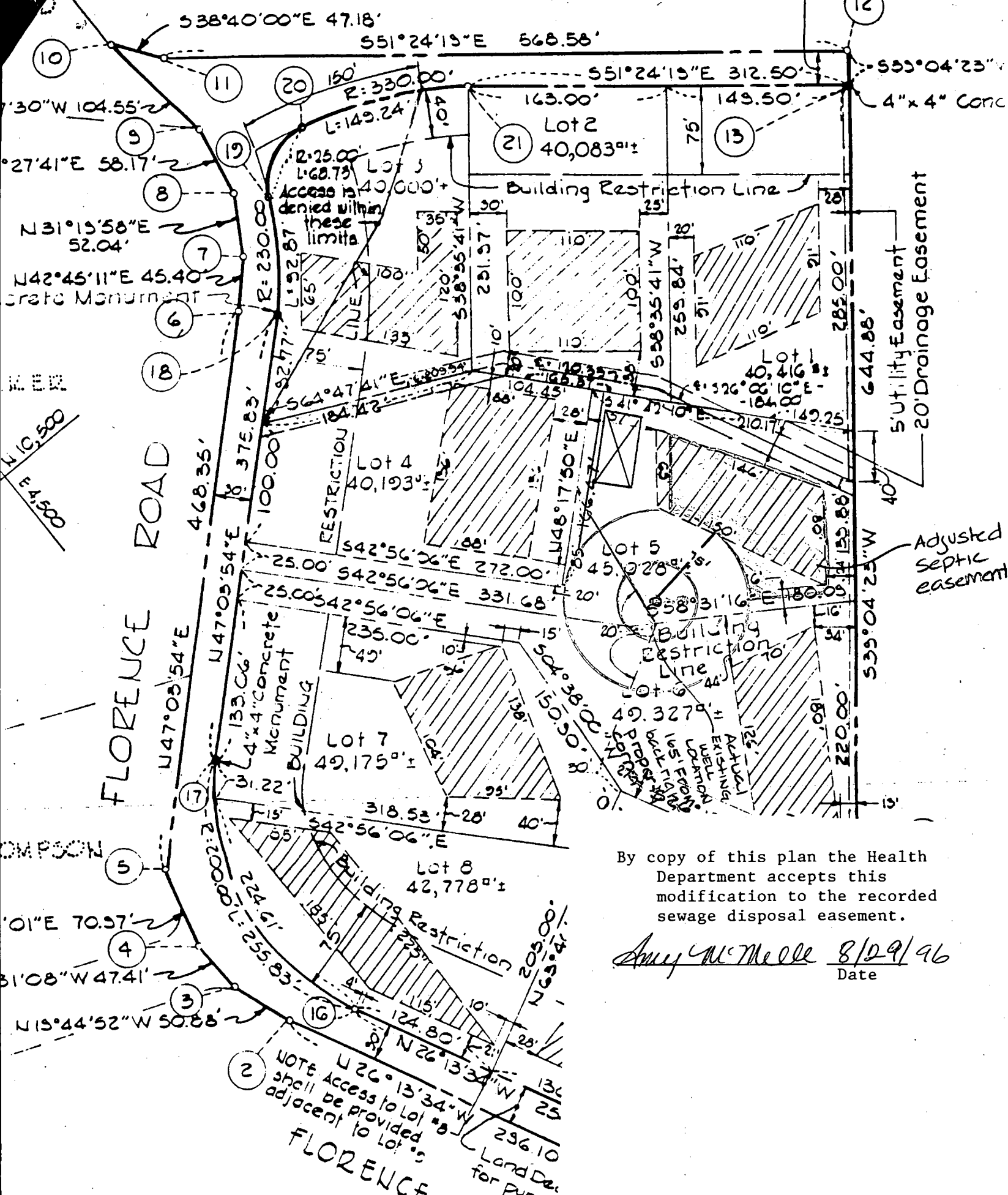
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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



Land Dedicated to  
County, Maryland f.  
of Public Road Area:

# SHAFFER MILL ROAD



By copy of this plan the Health Department accepts this modification to the recorded sewage disposal easement.

*Amy McMeall* 8/29/96  
Date

NOTE: Access to Lot 8 shall be provided adjacent to Lot 5

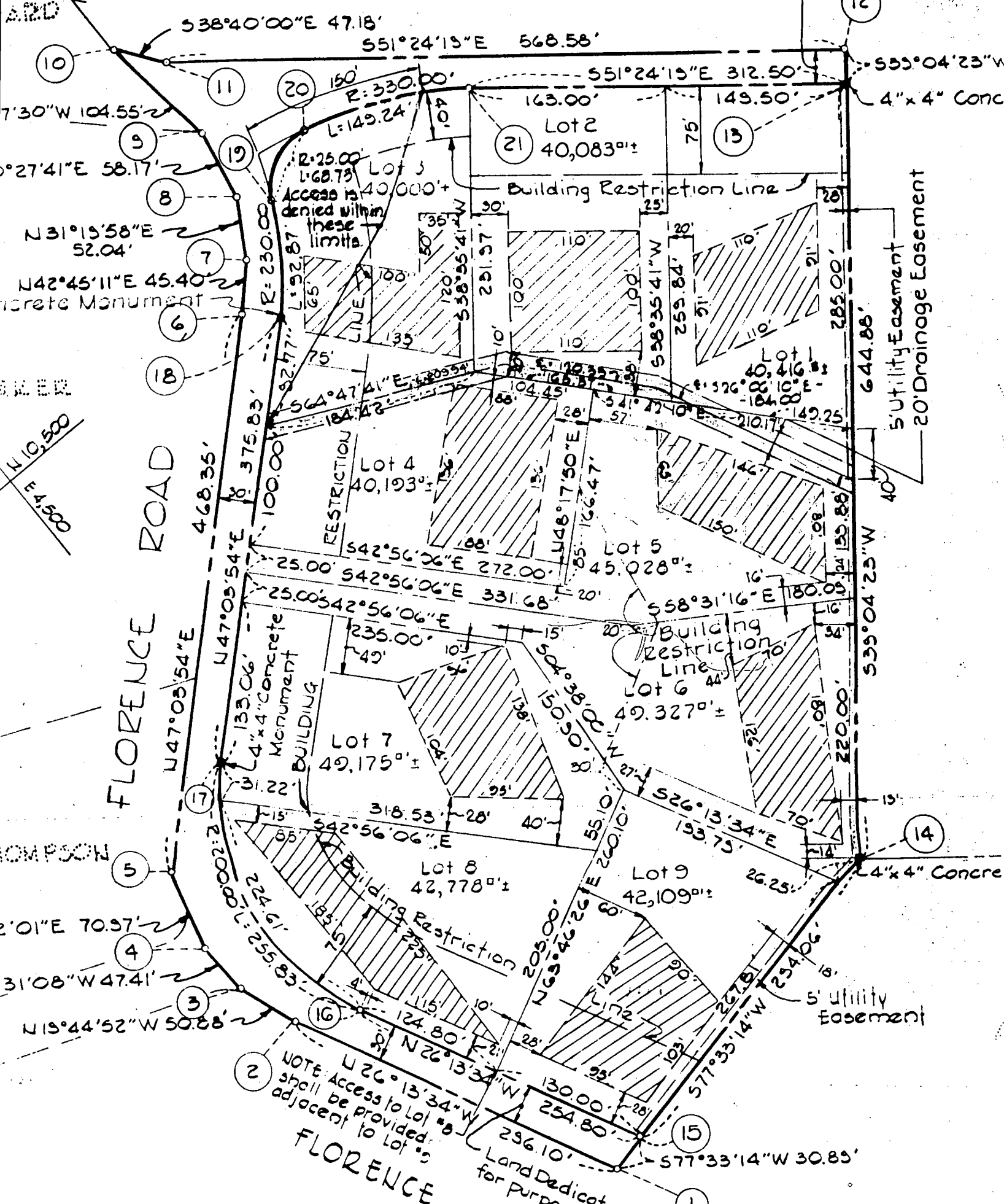
FLORENCE

293	TOP FOUNDATION
283	TOP OF FOOTING
284.25	INT. RLRU OUT OF HOUSE
284	INT SEPTIC TANK
	EXISTING RELOCATION AT TANK 285
283.7	OUT OF TANK
283.37	INTO DIST BOX
	EXIST. INT DIST BOX 285
EXT	ELU @ TRENCH 287

8/30/96  
 Approved  
 Septic  
 Elevations  
 Amy Mc Miller

Land Dedicated  
County, Maryland  
of Public Road Area

# SHAFFER MILL ROAD



7'30" W 104.55'  
 0°27'41" E 58.17'  
 N 31°19'58" E 52.04'  
 N 42°45'11" E 45.40'  
 Concrete Monument

W 10,500  
 E 4,500

2'01" E 70.97'  
 31°08' W 47.41'  
 N 15°44'52" W 50.88'

NOTE: Access to Lot 8 shall be provided adjacent to Lot 5

5' Utility Easement  
 20' Drainage Easement

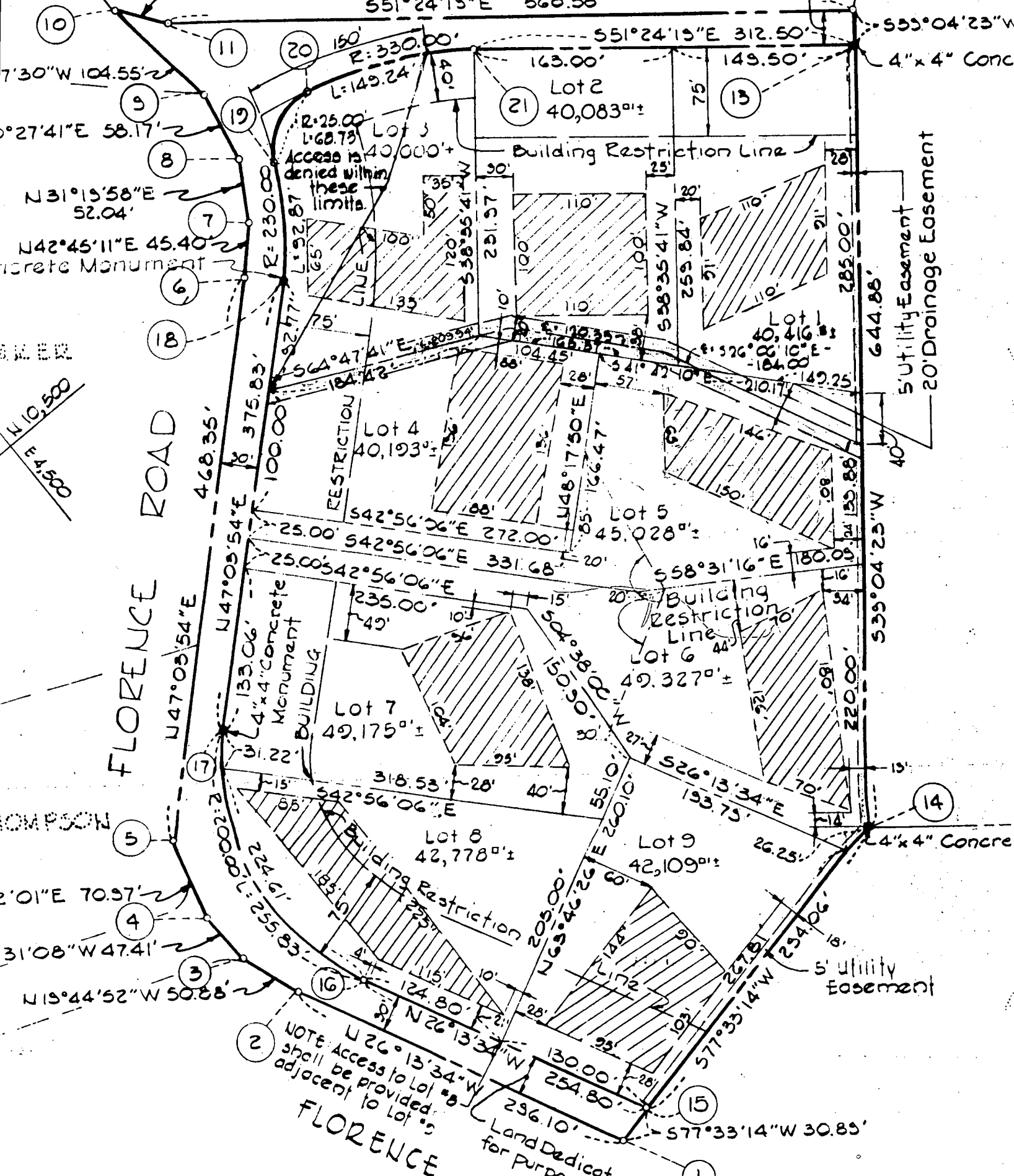
5' Utility Easement

Land Dedicated for purpose

FLORENCE ROAD

SHAFFER MILL ROAD

Land Dedicated  
 County, Maryland  
 of Public Road Area



7'30" W 104.55'  
 0°27'41" E 58.17'  
 N 31°19'58" E 52.04'  
 N 42°45'11" E 45.40'  
 Concrete Monument

W 10,500  
 E 4,500

2'01" E 70.97'  
 31°08' W 47.41'  
 N 15°44'52" W 50.88'

NOTE: Access to Lot 8 shall be provided adjacent to Lot 5

5' Utility Easement  
 20' Drainage Easement

5' Utility Easement

Land Dedicated for purpose

FLORENCE ROAD

SHAFFER MILL ROAD

Land Dedicated  
 County, Maryland  
 of Public Road Area

MILL ROAD.

PUBLIC ROADS.

HAFER MILL ROAD

S50°59'41"E

599.19'

Existing GPaving

Approved Septic System Plan

Howard County Health Department

*William Robert E*  
Signature

9/20/16  
Date

285

20' Drainage Easement

280

SILT FENCE

275

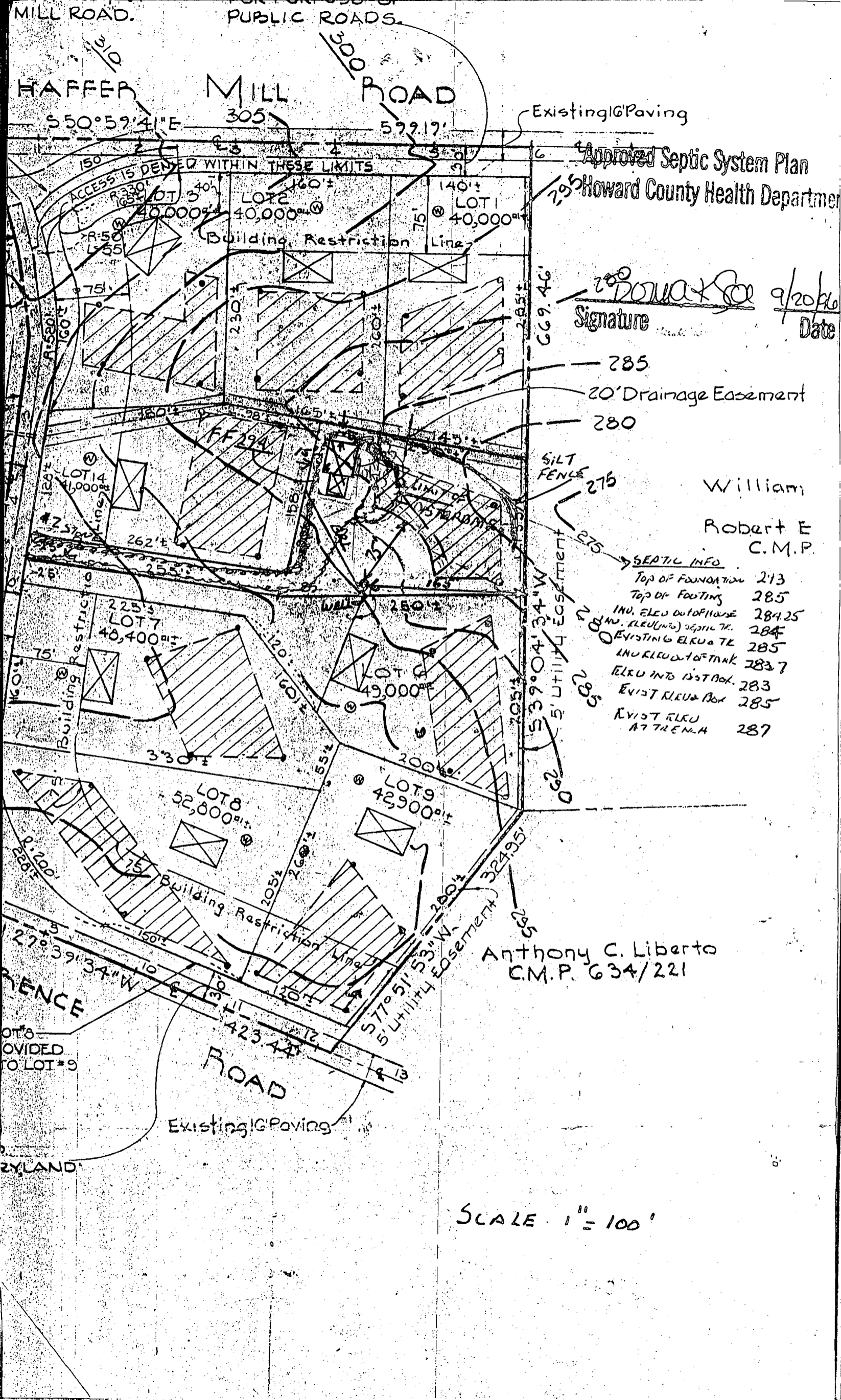
William  
Robert E  
C.M.P.

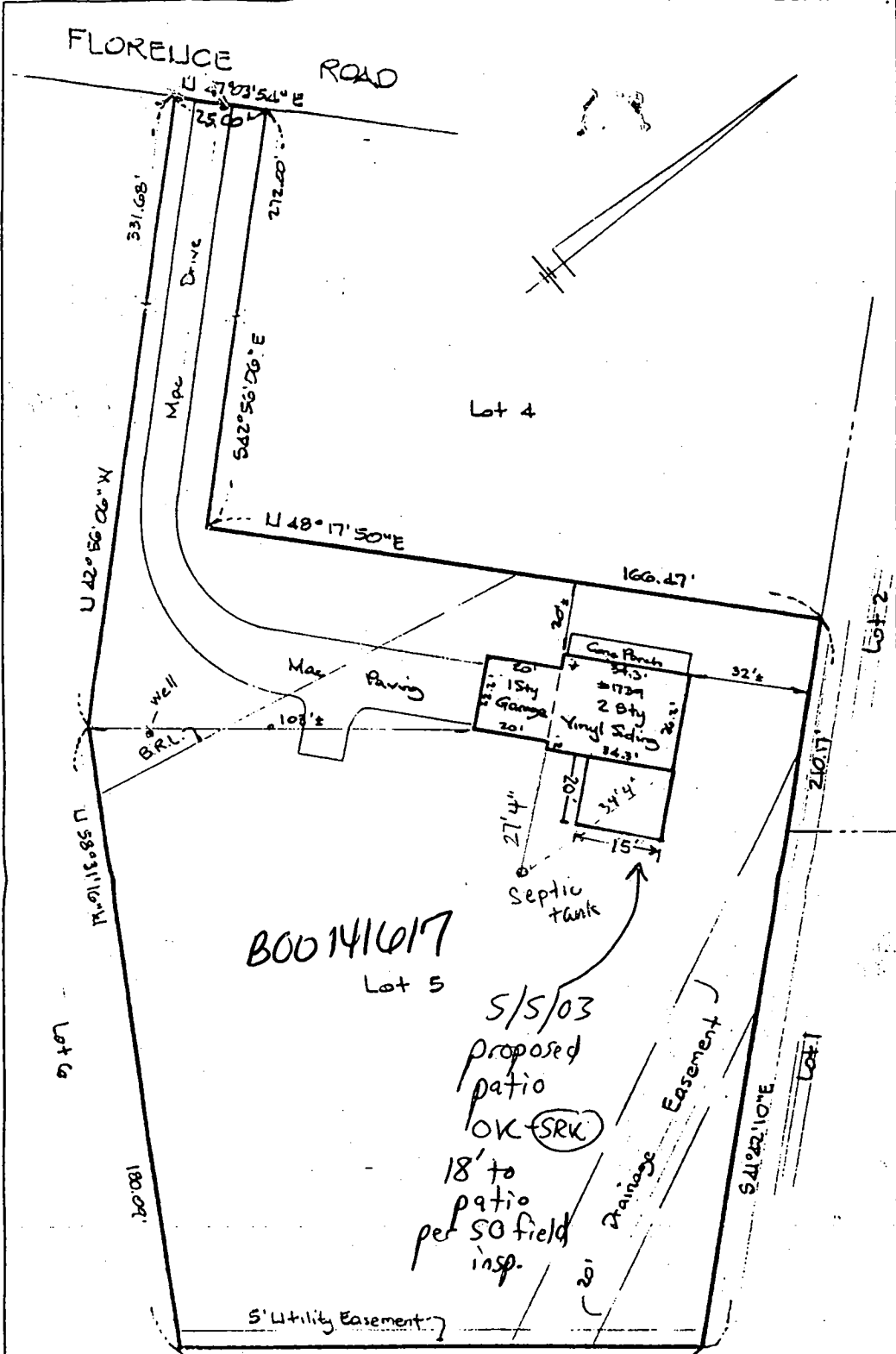
SEPTIC INFO

- Top of FOUNDATION 273
- Top of FOOTING 285
- INV. ELEV OUT OF HOUSE 284.25
- INV. ELEV (INT) SEPTIC TR. 284
- EXISTING ELRUB TL 285
- INV. ELEV OUT OF TANK 283.7
- ELRUB INTO INST BOX 283
- EXIST ELRUB BOX 285
- EXIST ELRUB AT TRENCH 287

Anthony C. Liberto  
C.M.P. 634/221

SCALE 1" = 100'





B00141017  
Lot 5

5/5/03  
Proposed patio  
OK (SRK)  
18' to patio  
per SO field insp.

THE LOT SHOWN HEREON IS IN FLOOD ZONE C PER F.E.M.A. FLOOD INSURANCE RATE MAP PANEL # 24004A-0006 B

The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing, or refinancing. The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or refinancing. The plat contains a tolerance of accuracy of two feet, more or less.



<h1>H</h1>	<b>HICKS ENGINEERING CO., INC.</b> ENGINEERS, SURVEYORS & PLANNERS 200 EAST JOPPA ROAD - SUITE 402 TOWSON, MARYLAND 21286 TELEPHONE: (410)494-0001	<b>LOCATION DRAWING</b> # 1739 FLORENCE ROAD; LOT 5 "SHAFFER'S MILL ESTATES" HOWARD Co, MD. PLAT BOOK 31, FOLIO 31
	DATE: 9/27/97	SCALE: 1/2" = 30'