

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 32754

A Repair

approved  
5-18-83  
C. Williams

5/18/83  
5/13/83  
11:00 or 11:30 A.M.

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

02-263319

ELLICOTT CITY  
DISTRICT 2nd

INDEX

DATE 5/11/83

Thompson's Plumbing and Heating IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER X

ADDRESS 12890 Triadelphia Road, Ellicott City, Md. 21043 PHONE 465-8818 or 988-9520

SUBDIVISION Patapsco Park Estates ROAD ~~9088~~ 9084 Furrow Avenue LOT ~~16~~ 16, Sec. 2

PROPERTY OWNER Mario Mammarelli

ADDRESS 9084 Furrow Avenue, Ellicott City, Md. 21043

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO \_\_\_\_\_

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS NUMBER OF BEDROOMS \_\_\_\_\_

REPAIR - See attached sketch. Change location of septic system in order for new pool to be installed on lot.

MOVE SEPTIC TANK TO LEFT SIDE OF DRYWELL (AS SEEN FROM ROAD).  
ADD 30' OF TRENCH 8' DEEP BELOW DRYWELL 5-13-83 CW

BLDG. PERMIT SIGNED AND RETURNED 5/20/83  
Serial # 53911 Pool

BLDG. PERMIT SIGNED AND RETURNED 5/20/83  
Serial # 53934 SFD.

BLDG. PERMIT SIGNED AND RETURNED 10/20/83  
Serial # 14942

PLANS APPROVED BY Palmer F. Wine DATE 5/11/83 *Int'ltn*

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.

PERMIT VOID AFTER THREE YEARS.

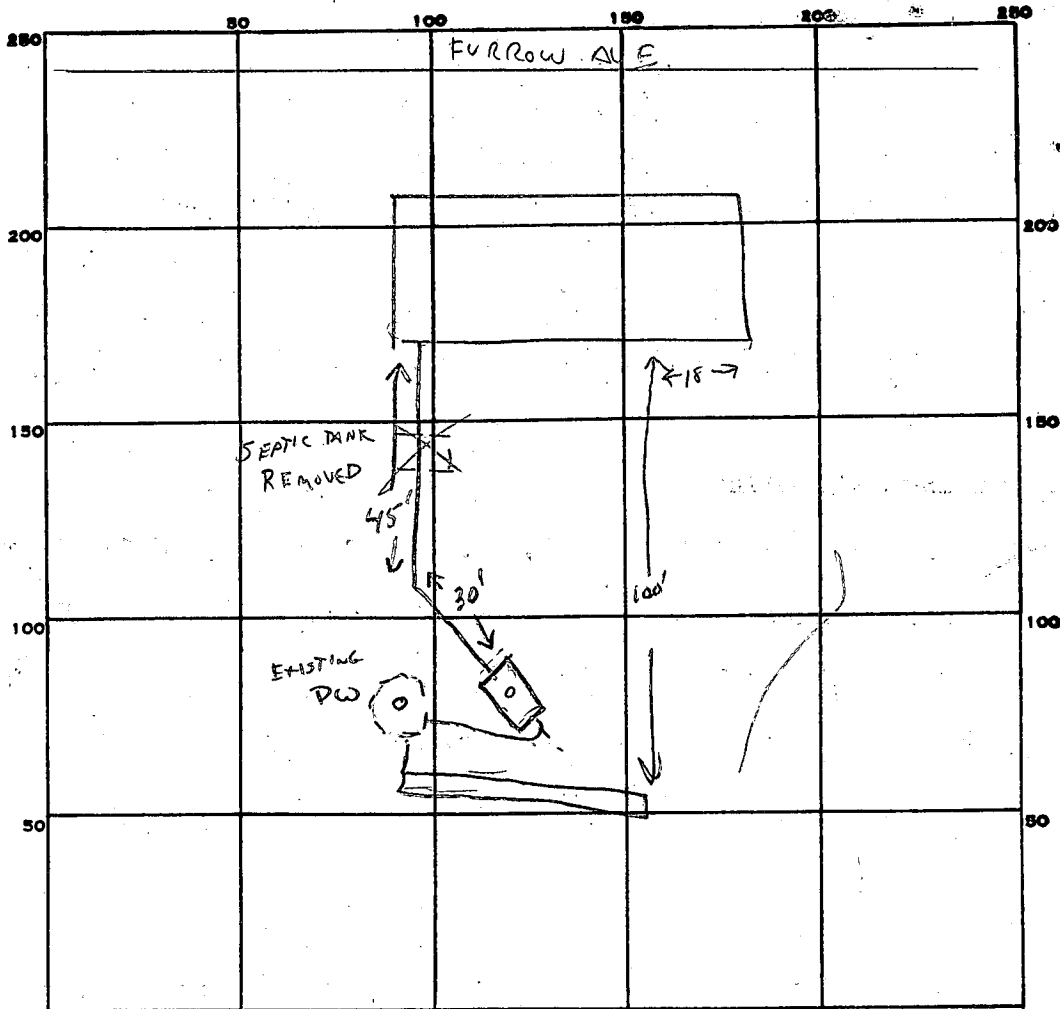
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 32754



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL

CLEANOUTS  ST  DW

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 FT IN. TOTAL LENGTH 32 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA \_\_\_\_\_

SIDEWALL

160' ADDITION TO DRYWELL

SEEPAGE PITS, INSIDE DIAMETER EXISTING FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

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

REMARKS - DRYWELL EMPTY - SEPTIC TANK LEAKED AT OUTLET

5-13-83 SEPTIC TANK TO BE RELOCATED & HOOKED UP THIS DATE.

CONTRACTOR TO CALL WHEN DITCH IS READY. CW

5-18-83 OK TO COVER. CW

DATE SYSTEM APPROVED

5-18-83

INSPECTOR

C. Williams

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 2nd

DATE 3/23/82

## INDEX

Thompson's Plumbing & Heating

IS PERMITTED TO INSTALL  ALTER

ADDRESS 12890 Triadelphia Road, Ellicott City, Maryland PHONE 465-8818

SUBDIVISION Patapsco Park Estates, ROAD 90<sup>84</sup> Furrow Avenue LOT 16, Section 2

PROPERTY OWNER Dr. Smith

ADDRESS \_\_\_\_\_

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT. (Total abs. Area in dry well

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT. 240 sq.ft.)

Dry Well SEEPAGE PITS \_\_\_\_\_ ABSORBENT SIDE-WALL AREA 175 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE, MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 145 FT. FROM FURROW LOT LINE AND 10 FT. FROM right LOT LINE AS SEEN WHEN FACING LOT FROM \_\_\_\_\_

Trench - Inlet 4 feet below inlet and maximum depth 10 feet - 70 feet long. Trench to run across lot parrallel to Furrow Avenue ~~100-110~~ feet away. 145

Leave 5 ft. earth buffer between dry well and trench. Call for 2 inspections - before and after stone is installed.

OK TO HAVE DRY WELL DOWNSTREAM FROM

DITCH AFTER A 5 FT EARTH BUFFER

PLANS APPROVED BY David J. O'Neill DATE 2/9/78

COVER NO WORK UNTIL INSPECTED AND APPROVED. DRY WELL TO BE 167 FT

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

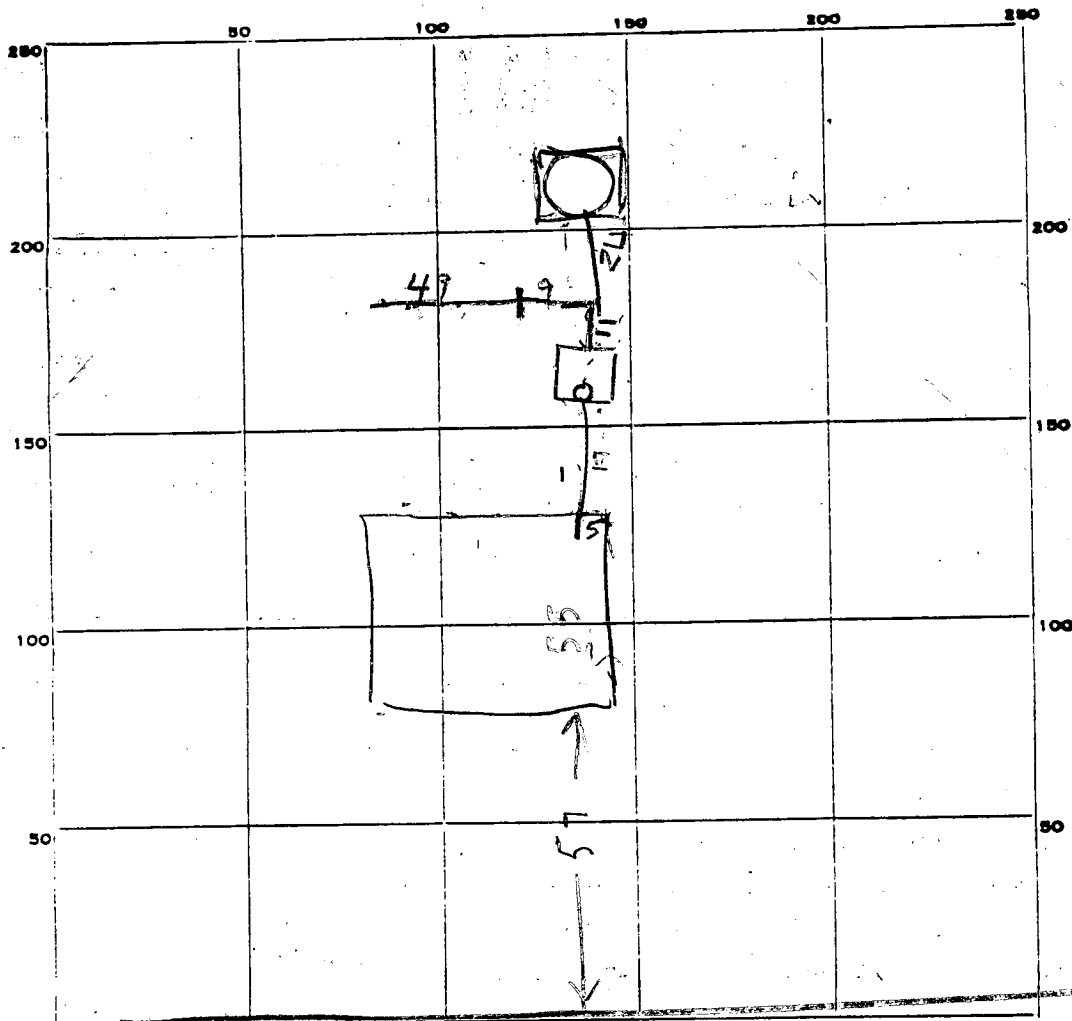
\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

APPROVED  
3/30/82  
RH

P 31843  
A 24911

3/30/82 if possible  
3/10/82  
A.M.

A 24911



PERMIT CARD \_\_\_\_\_

~~ST~~ / ~~DW~~  
NO / NO

SEPTIC TANK, LEVEL OK 1000°  
TOP GRADE LEVEL

CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 IN. TOTAL LENGTH 49 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 245

SEEPAGE PITS, INSIDE DIAMETER 4 1/2 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 308 SQ. FT.

REMARKS 3/26/8 - DW INLET 4 FT. B.O.G. ADD CLEANOUTS  
REPLACE THIN WALL PIPE TO DW WITH SCHEDULE 40 PIPE  
ADD STONE TO DITCH

DATE SYSTEM APPROVED 3/3/82

INSPECTOR Raymond [Signature]

# APPLICATION

A \_\_\_\_\_

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 \_\_\_\_\_

DATE 10/27/76

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 Patapsco Associates, L.P.

ADDRESS 1131 Univ. Blvd. W. #215, Silver Sp. Md. 20902 PHONE 301-649-1500

PROPERTY LOCATION:

SUBDIVISION Patapsco Park Estates, Section Two LOT NO. Twenty

ROAD AND DESCRIPTION North side of intersection of Rts. 29 and 99

SIZE OF LOT 34,400 sq. ft. TYPE BLDG. 3  
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 *Martin J. ...* Partner

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

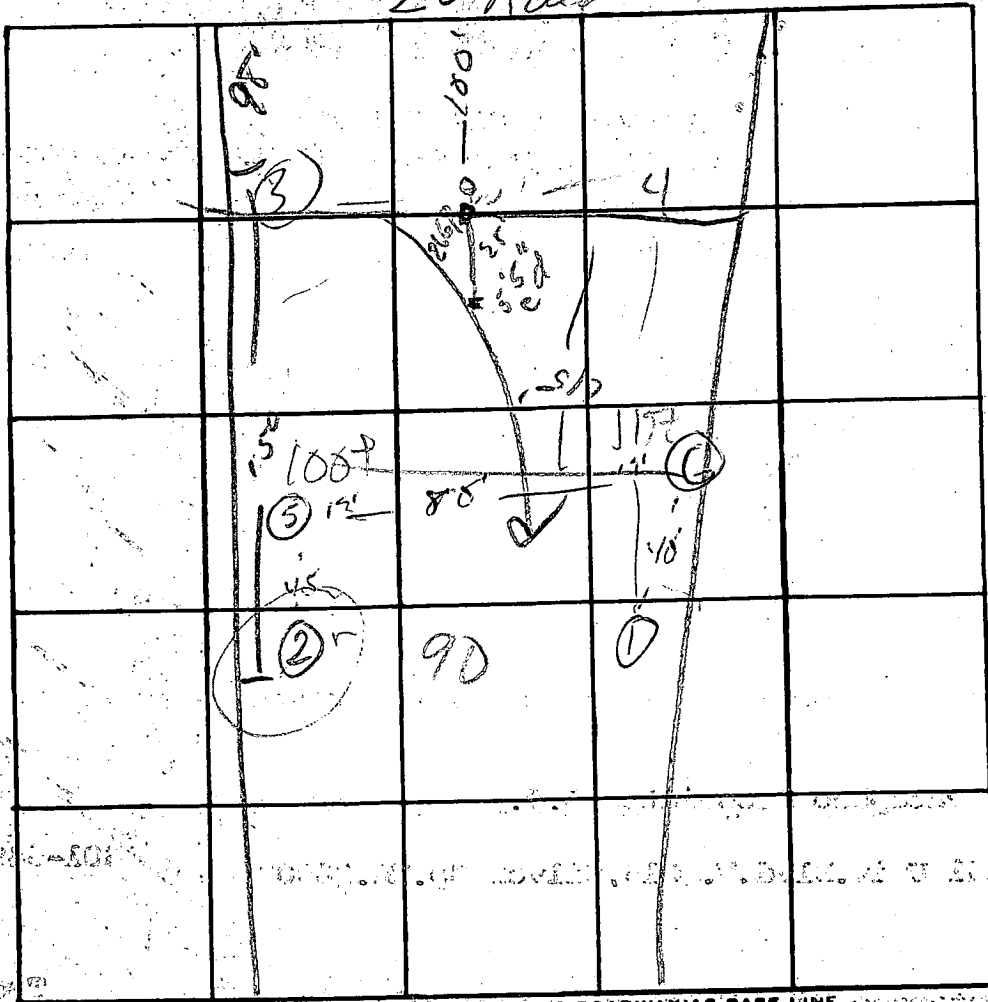
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

# THIS IS NOT A PERMIT

# 20 Road



5' 9"

21  
12  
42  
21  
-----  
252

25  
252) 6300  
504  
-----  
1360  
1260  
-----  
100

210  
650  
630  
-----  
20  
230  
200

50m confusion on data, 12/10/77 13-10-77

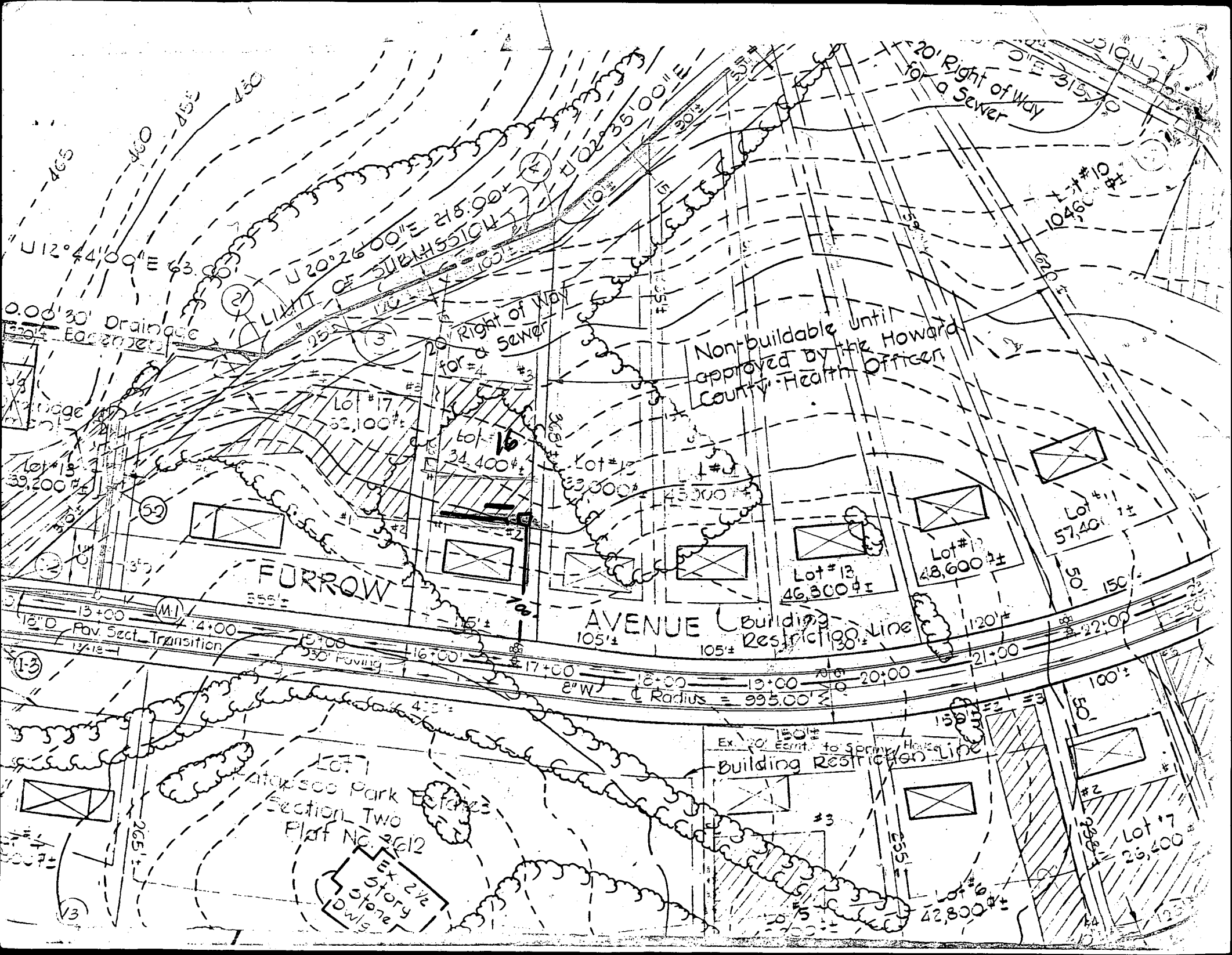
INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/11/77	15	31'	12 <sup>23</sup>			12 <sup>52</sup>	17	
	d	12 1/2'	12 <sup>23</sup>			12 <sup>45</sup>	15	
	35	5'	201	203	203	206	3	
	d	13'	201	201 <sup>24</sup>	201	205	4	
	25	6'	205	Failed at 1st 1" > 30 min				
	d	13'	206	212	212	219	9	
	4	3-11"	Sandy soil					
3-15	5	6-15'	Clay above					
			158	203	203	208	5	
	6	12'	Clay 5 1/2"					
			202	219	219	243	24	

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY: DPON ALSO PRESENT: \_\_\_\_\_



U 12° 44' 09" = 63.00'

U 20° 26' 00" E 215.90'

20' Right of Way for a Sewer

0.00' 30" Drainage

20' Right of Way for a Sewer

Non-buildable until approved by the Howard County Health Officer

Lot #13 39,200 sq ft

Lot #17 33,100 sq ft

Lot #16 34,400 sq ft

Lot #18 43,000 sq ft

Lot #19 48,600 sq ft

Lot #21 25,400 sq ft

FURROW

AVENUE

Building Restriction Line

13+00 Pav. Sect. Transition

16+00 Paving

Radius = 995.00'

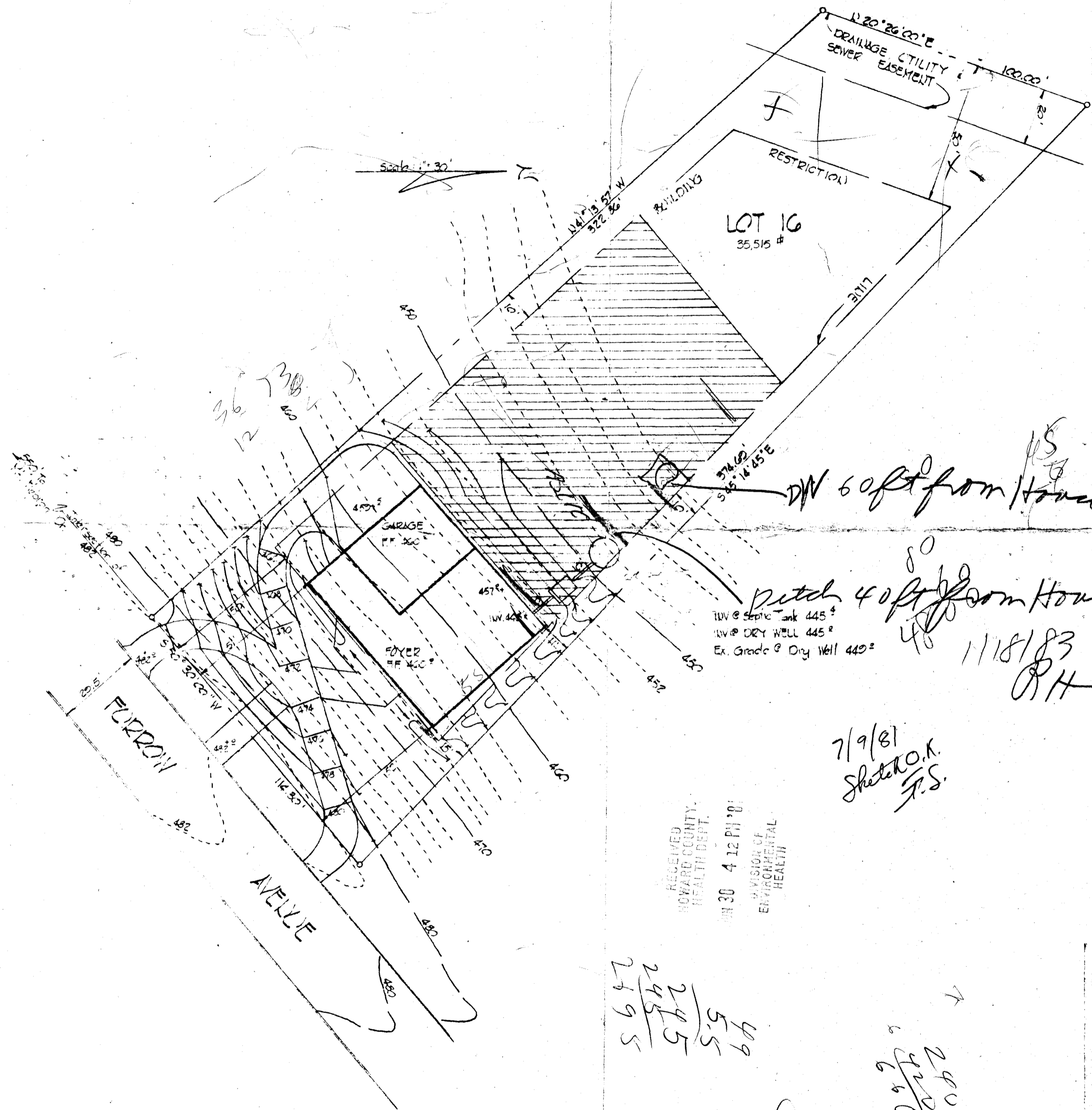
22+00

Lot #1 at approx Park Section Two Plat No. 2612 Ex. 2 1/2 story stone dwls

Ex. 20' Easmt. to Spring House Building Restriction Line

Lot #20 42,800 sq ft

Lot #17 25,400 sq ft



- This area indicates a private easement of approximately 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal systems. Improvements of any kind in this area are restricted until public sewage is available and serving any residential structures constructed on this site. This easement shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
- The lot shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.
- Public water is available and public sewage will be available in 1983.
- Record Plat 3851 PATAPSCO PARK ESTATES.
- COVERED PER 10-3-77

*DN 60ft from House*  
*pitch 40ft from House*  
 11/8/83  
 RH

RECEIVED  
 HOWARD COUNTY  
 HEALTH DEPT.  
 JUN 30 4 12 PM '81  
 DIVISION OF  
 ENVIRONMENTAL  
 HEALTH

7/9/81  
 Sketch O.K.  
 F.S.

249  
 245  
 245  
 5.5  
 49

269  
 308  
 577

240  
 240  
 660

245  
 308  
 553

TITLE: PLOT PLAN LOT 16  
 PATAPSCO PARK ESTATES  
 SECOND ELECTION DISTRICT HOWARD COUNTY, MD.

**TYDINGS  
 HEIM**  
 ASSOCIATES INC.

CONSULTING ENGINEERS · LAND & CONSTRUCTION SURVEYOR\*  
 8370 COURT AVENUE, ELLICOTT CITY, MD. 21043 465-0660

Mario Mannavelli

465-6878 home

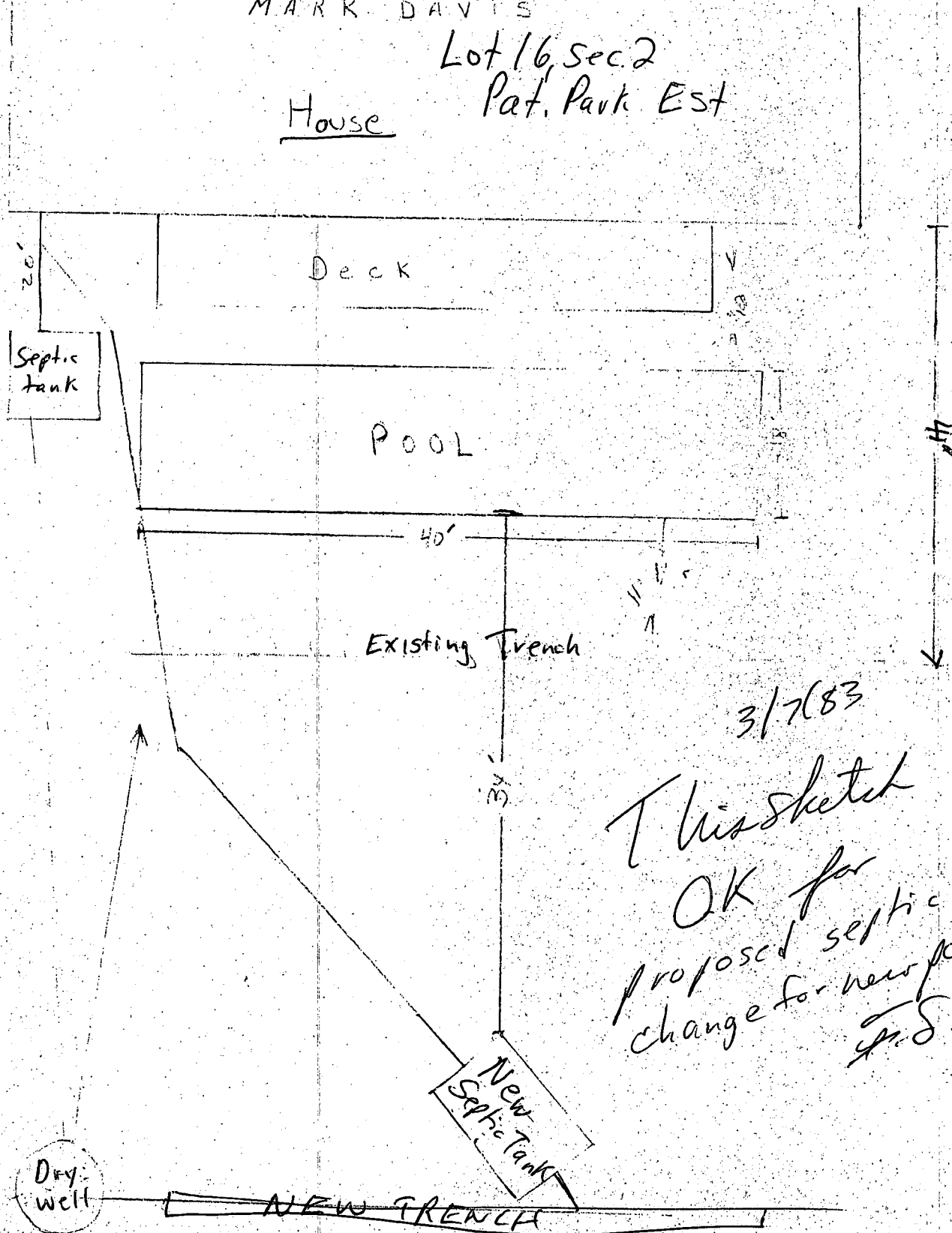
744-6731 ofc.

MARK DAVIS

Lot 16, Sec. 2

Pat. Park Est

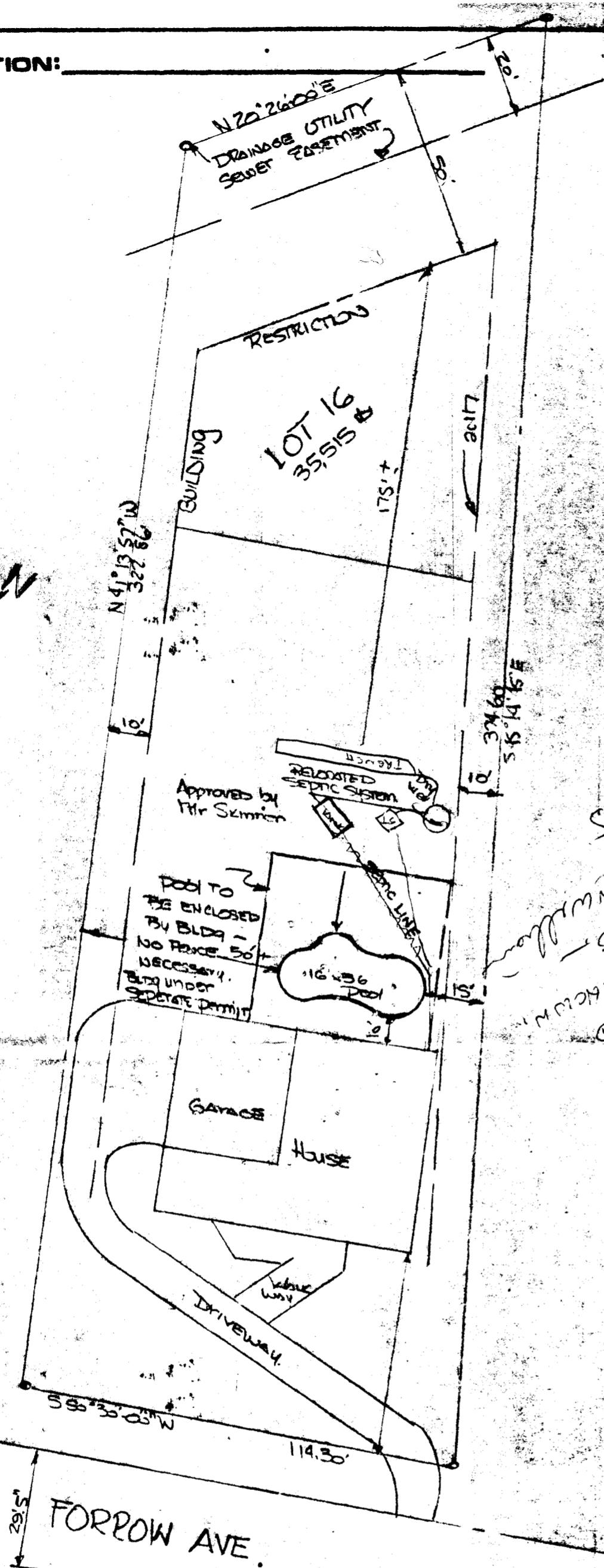
House



3/7/83

This sketch  
OK for  
proposed septic  
change for new pool  
J.S.

POOL ELEVATION: \_\_\_\_\_



## EQUIPMENT LIST

DIRT: \_\_\_\_\_  
 TILE: INCL  
 COPING: INCL  
 STEPS: INCL STYLE: \_\_\_\_\_  
 FINISH: WHITE PLASTER  
 FILTER: Swimquip 108 RHP  
 SAFETY EG.: INCL  
 CLEANING EG.: INCL  
 VACUUM EG.: INCL  
 DIVING EG.: NONE  
 LADDERS: NONE  
 GRABRAILS: NONE  
 LIGHTS: 1 COLOR: Clear  
 WATTS: \_\_\_\_\_ VOLTS: \_\_\_\_\_  
 HEATER: \_\_\_\_\_  
 SPA: 36' with 4 jets  
 LOVESEAT: 6' long  
 DRYWELL: NONE  
 SPECIAL EG.: \_\_\_\_\_  
 DECKING: BY OWNER  
 POOL COVER: \_\_\_\_\_

## SPECIAL NOTES

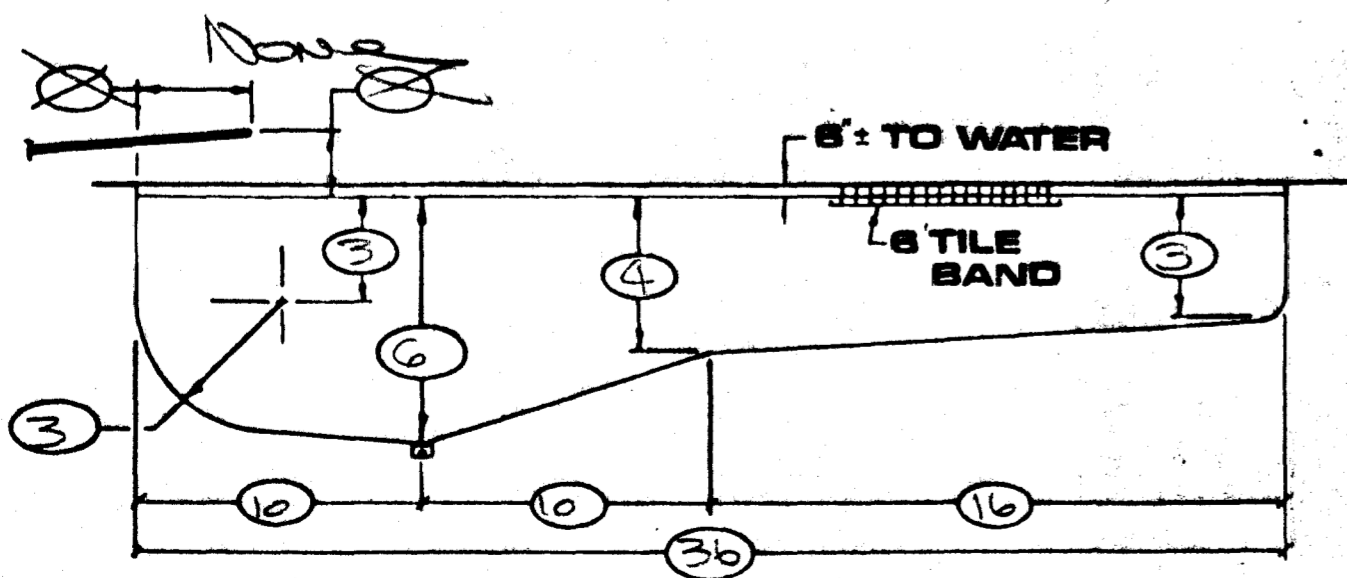
- 1) \_\_\_\_\_ FT. OF ELECTRIC IN CONTRACT.
- 2) POOL AREA TO BE FENCED BY 1 1/2" x 4" Pool GATES TO BE SELF CLOSING & LATCHING PER COUNTY CODES.
- 3) STEPS TO HAVE 12"± TREADS 9"± RISERS. TOP TREAD 18"
- 4) DO NOT TURN POOL LIGHTS ON WHEN POOL IS EMPTY.
- 5) DO NOT USE BLACK RUBBER HOSE WHEN FILLING POOL. IT WILL MARK PLASTER & COPING.
- 6) WET DOWN CONCRETE SHELL AT LEAST TWICE DAILY FOR 7 DAYS WHEN TEMP. EXCEEDS 70 DEGREES.

## POOL DATA

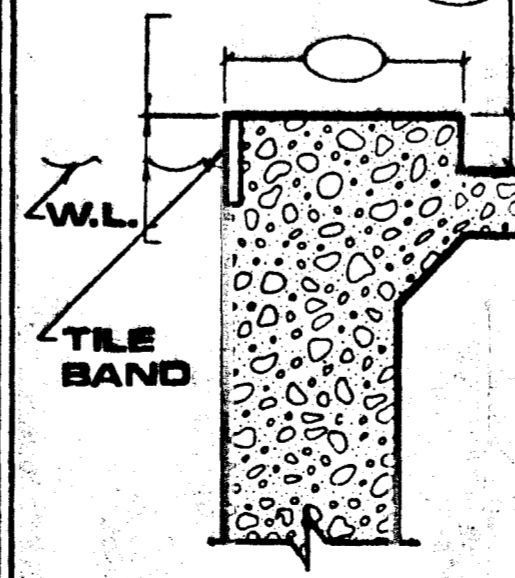
AREA: 500 SQ. FT.  
 PERIMETER: 93 L.F.  
 GALLONAGE: 22,000

Owners Approval - Date

### Cross Section



### Bond Beam



### Filter Plan



NAME: Dr. Mark Davis  
 ADDRESS: 9084 Furrow Ave  
 CITY: Ellicott City Md 21043  
 #. 461-2311 Howard Co  
 TELEPHONE: 461-4747  
 SCALE: 1" = 10"  
 DRAWN BY: \_\_\_\_\_  
 DATE: 5/13/83 JOB NO.: 777

