

1/10/92
Anytime
6/21/93

6/21 House connection required
checked with Water Test

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

04-344596
INDEXED

P 48987

A 31154

DISTRICT 4th

DATE 9/8/92

DATE SYSTEM APPROVED 6/21/93

INSPECTOR C. B. J.

K & K Excavating, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Frederick Road, Woodbind, Maryland 21797 PHONE 442-1336

SUBDIVISION Patapsco Overlook LOT 10 ROAD 16106 Patapsco Overlook Court

PROPERTY OWNER Eugene and Loretta German Jeffrey Goldman

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM 720 sq. ft. for 4 bedrooms.

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the first trench 70 feet up the right (466.85') lot line beginning from the intersection of the right 204.85' line and right 466.85' line, and 40 feet off the same lot line as seen when facing the lot from Patapsco Overlook Court. Run trenches on contour toward the left side of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 6/17/91 R.D.

PLANS APPROVED BY Sid Abel cm DATE 08/20/88

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, 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.

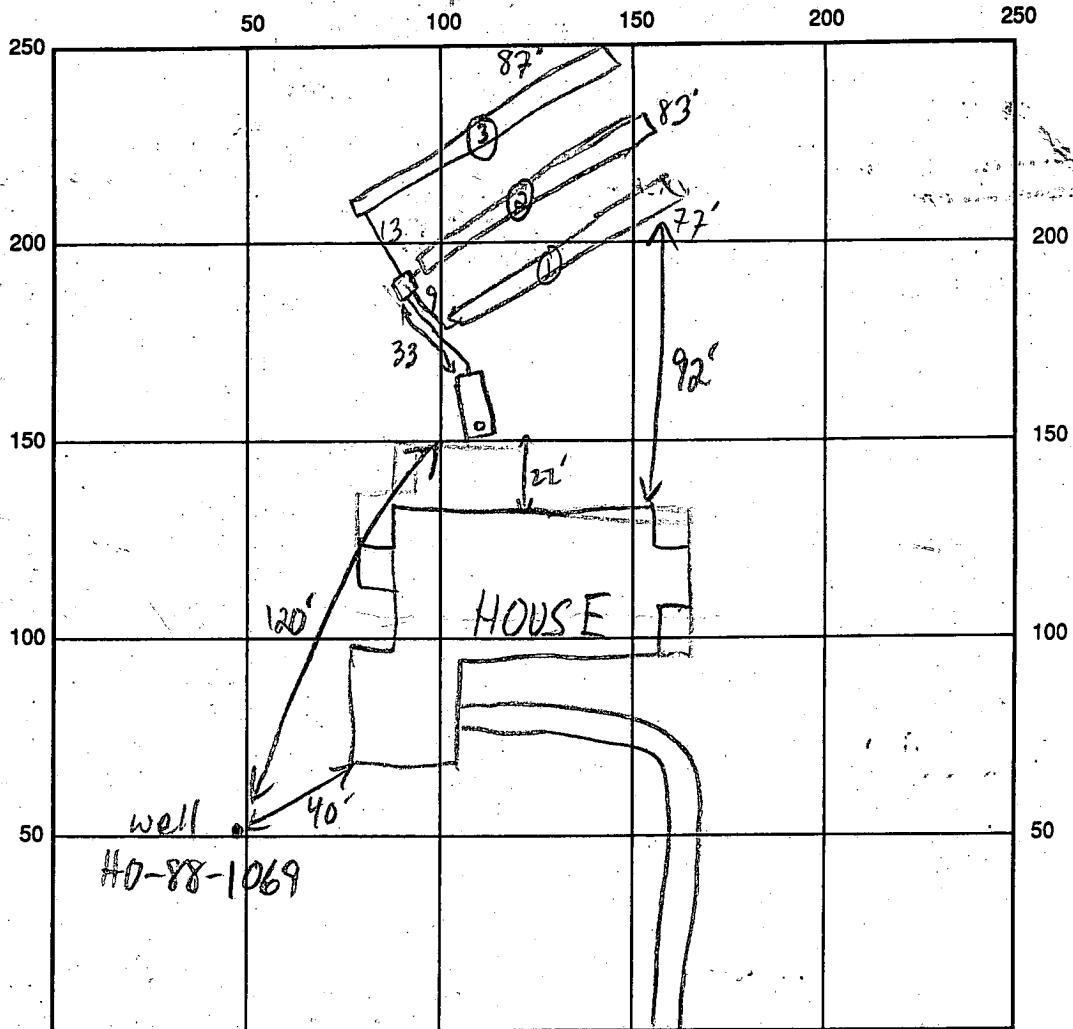
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BUILDING PERMIT SIGNED AND RETURNED

804-6049327 - Paul J. Jones

A 31154



PATAPSCO OVERLOOK CT INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL-OK

CLEANOUTS S.T. -OK

DISTRIBUTION BOX LEVEL OK-BAFFLE IN

DRAIN FIELD/TITLE DEPTH $\frac{1123}{5/5/5}$ FT.

TRENCH WIDTH 3 FT.

INLET DEPTH $\frac{1123}{3/3/3}$ FT.

EFFECTIVE GRAVEL DEPTH $\frac{1123}{2/2/2}$ FT.

TOTAL LENGTH 077 (2) 83 (3) 87 FT.

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 0231 (2) 2249 (3) 261 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 741 SQ. FT.

REMARKS: 10/6/92 DB USING ONE OF THE (LOW) OUTLET HOLES AS INLET; HOLD FOR COMPLETION OF HOUSE CONN. MR

6/21/93 Water test on plumbing from home basement to septic tanks - ok - finish work

DATE SYSTEM APPROVED 6/21/93

INSPECTOR Charles Bryan Thacker

APPLICATION

A 31154

SEWAGE DISPOSAL TESTING

P _____

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 4th

DATE 2/9/81

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 Georgia Ave. Properties Inc. Eugene & Loretta German

ADDRESS c/o E. Brook Lee III, 13838 Ga. Ave, Wheaton, Md. PHONE 490-1933

PROPERTY LOCATION:

SUBDIVISION Georgia Ave Properties LOT NO. 10 SECT 1

ROAD AND DESCRIPTION Md. Rte. 94 and Old Frederick Rd.

(16106 Patapsco Overlook Court)

SIZE OF LOT 3 ac + TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE NA

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Dick A. Bond
Agent

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

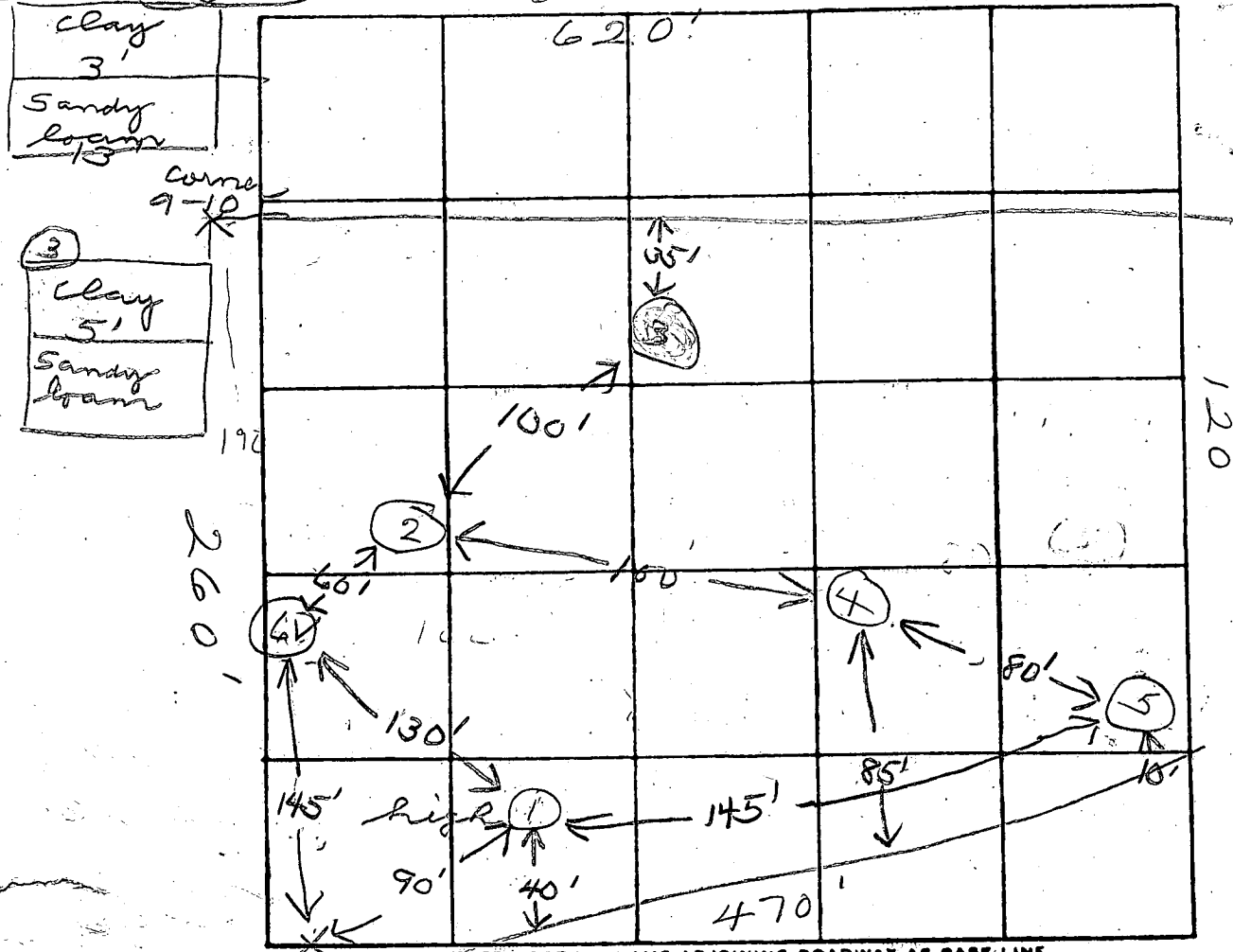
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 6/3/81
Final # 37937 - SFD
4 Bedrooms

THIS IS NOT A PERMIT

① ② ④ ⑤

LOT 10



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
 BK 10 RT

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/25/81	✓ 1 S	4	10:05	10:08	10:08	10:12	4
	1 M	8	10:07	10:18	10:18	10:31	13
	✓ 2 S	4 1/2	10:35	10:37	10:37	10:41	4
	2 M	8	10:35	10:39	10:39	10:45	6
	3 S	4	10:47	no pore			Fail
	3 M	8	10:47	10:55	10:55	11:10	15
	✓ 4 S	4 1/2	10:14	10:22	10:22	11:35	13
	4 M	9	11:28	11:36	11:36	11:50	14
	3 SA	5	clay did not pore				
	✓ 5 S	4	11:41	11:46	11:46	11:50	4
	5 M	8	11:49	11:52	11:52	11:58	6
	✓ 6 V	12	4' clay - sandy loam				

REMARKS _____

TYPE OF SOIL _____

TESTED BY J & SK ALSO PRESENT: Dave Noyes

N 552,800

SEPTIC SYSTEM DATA

INV. @ HOUSE = 686.70

SEPTIC TANK

EX. GRADE 690.30
 FIN. GRADE 690.30
 INV. IN 686.50
 INV. OUT 686.20

DISTRIBUTION BOX

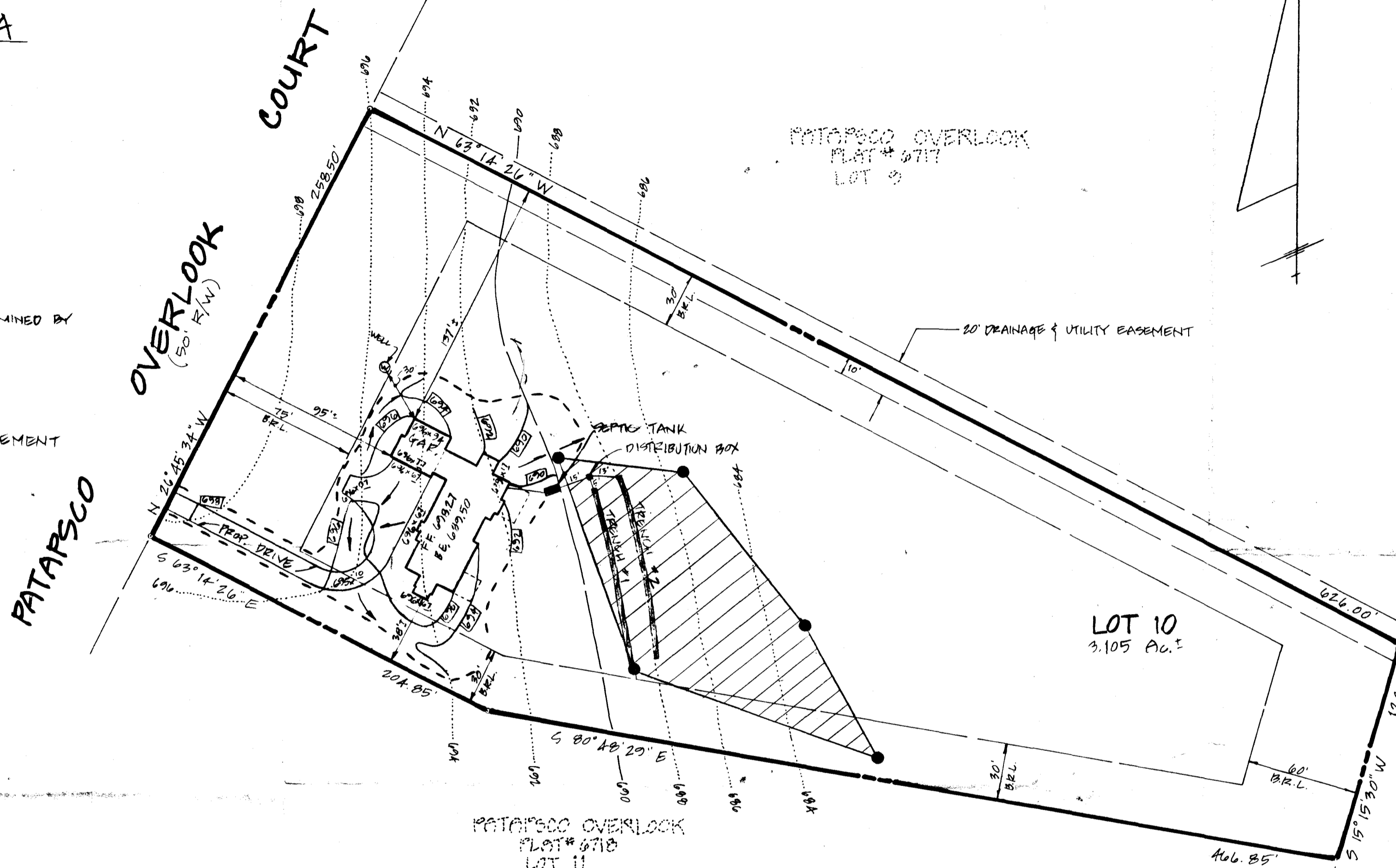
EX. GRADE 689.00
 FIN. GRADE 689.00
 INV. IN 686.05
 INV. OUT 686.05

TRENCHES (LENGTH AND NUMBER TO BE DETERMINED BY HOWARD COUNTY)

	TRENCH #1	TRENCH #2
EX. GRADE	689.0	689.0
FIN. GRADE	689.0	689.0
INV. IN	686.0	685.0

NOTE: GRAVITY SEWER SERVICE TO BASEMENT LEVEL IS AVAILABLE.

N 552,500



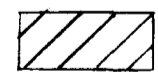
E 779,500

E 779,000

N 552,200

SHANABERGER & LANE

8726 TOWN & COUNTRY BLD.
 SUITES 106 & 107
 ELLICOTT CITY, MD 21043
 (301) 461-9563

 DENOTES 10,000 sq ft PRIVATE SEWAGE EASEMENT PER FLAT # 6710.

TOPOGRAPHY AND WELL LOCATION SHOWN HEREON ARE FROM APPROVED PRELIMINARY PLAN.

TOTAL DISTURBED AREA = 16,300 sq ft

----- DENOTES LIMIT OF DISTURBANCE

6/3/91
Revised Plans OK
RGT

4 BED ROOM

SITE PLAN
 LOT 10
PATAPSCO OVERLOOK
 FLAT # 6710
 SECTION ONE
 4th ELECTION DISTRICT
 HOWARD COUNTY, MD
 SCALE: 1" = 50'
 DATE: 9/13/91

B 1 **2034** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

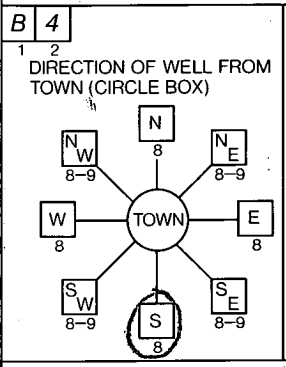
STATE OF MARYLAND
PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-88-1069
 fill in this form completely

Date Received (APA) **072989**
OWNER INFORMATION
 8 **GERMAN** 13 **Gene** 34
 15 Last Name Owner First Name
 36 **7510 SAMMERS RD.** 55
 Street of RFD
 57 **LAUREL** 70 State 72 **MD20707** 76
 Town Zip

B 3 **LOCATION OF WELL**
 1 **HOWARD** 21
 8,COUNTY
PATAPSCO OVERLOOK 42
 23 SUBDIVISION
 SECTION **I** 44 46 LOT **10** 48 50
WOODBINE 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **1** 73 **MI** 76 77 78

DRILLER INFORMATION
 Driller's Name **Joseph L. Mayne** 77 License No. **238**
 Firm Name **Joseph L. Mayne Well Drilling**
 Address **5512 KILMER RD. Mt. Airy 21771**
 Signature **Joseph L. Mayne** 79/27/89 Date



PATAPSCO Overlook Ct. 30
 NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 **80** 37
 DISTANCE FROM ROAD
 ENTER FT or MI **FT** 38: 39

B 2 **WELL INFORMATION**
 APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 12 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME **A# 31154** COUNTY NO.
 STATE SIGNATURE **Charles Bryan Tucker** 41
 DATE ISSUED **101389** 43
 CO SIGNATURE **Charles Bryan Tucker** 48
 EXP. DATE **9/13/89** 41
 NORTH GRID **552000** 50 55 EAST GRID **0778000** 57 63
 (Not)

APPROXIMATE DEPTH OF WELL **200** 24 FEET 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

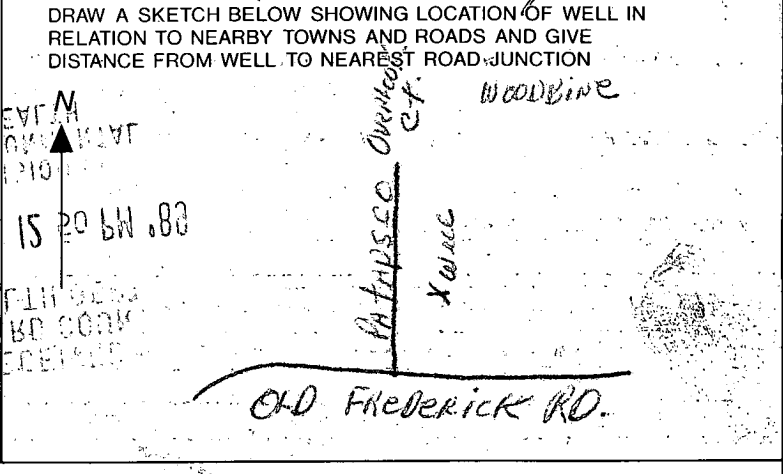
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary Drive-POINT
 other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. Well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE

 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
 10/24/89 2:30 available
 already graded to call in A.M.
 105 casing
 50' + 6' road - open hole
 13' Bag of cement
 2' + casing above ground
 only C.B.S. & M.B. Vining Tag on site

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (OEP USE ONLY)
 APPROPR. PERMIT NUMBER: _____ GAP _____
 FORCE **CO** WRITE INITIALS IN BOX PERMIT No. **HO-88-1069**
 67 68 70 71 72 73 74 75 76 77 78 79



C1 1159

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 COLS 3-6 ON ALL CARDS)

COUNTY NUMBER A# 31154

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for date received

703489

225

H0-88-1069

OWNER GERMAN GENE last name PATAPSCO OVERLOOK COURT first name TOWN WOODBINE SUBDIVISION PATAPSCO OVERLOOK SECTION I LOT 10

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)

FEET FROM TO

Check if water bearing

Brown Shale 0 99 Blue rock 99 225

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 13 NO. OF POUNDS 1332

GALLONS OF WATER 78 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.

CASING RECORD

Casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 105

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

SCREEN RECORD

screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) H0 103 225

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 75

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 37

WHEN PUMPING 113

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) 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: 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

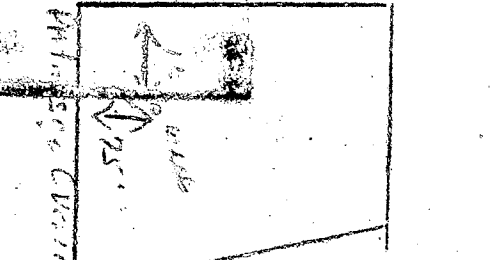
PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above - below

LAND SURFACE 2 (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 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 26.04.04 "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. 238

DRILLERS SIGNATURE Joseph E. Marjone

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

County

4/30/93

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

4/30/93
oh Finner
C.B.J.

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement

Receipt # 0
Date 2-1-93

Name of Installer C.P. G. Barnes & Son Inc

Telephone 776-7523

License Number 7729

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Eugene German

Telephone 490-1933

Subdivision PATAUSCO OVERLOOK Lot # 10

Well Tag # HD 98-10-69

Site Address 16106 PATAUSCO OVERLOOK CT

Pump

- 1. Type
 - a. Deep well jet
 - b. Shallow well jet
 - c. Submersible

Motor

- 1. Horsepower 1/2
- 2. RPM
- 3. Voltage
 - a. 110
 - b. 220

Pitless Adapter

- 1. Make Kemper
- 2. Model #
- 3. Depth 36"

2. Make Gould

3. Model # 5F505412

4. Capacity 7 GPM 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

- 1. Capacity 80
- 2. Pressure relief valve?

Piping

- 1. Type Poly Eth.
- 2. Size 1"
- 3. NSF and/or BOCA Code approved
- 4. Depth of supply line 36"

Well data

- 1. Depth 225 ft.
- 2. Yield 7.5 GPM
- 3. Static water level 51 ft.
- 4. Will water supply be disinfected by installer? NO

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: C.P. G. Barnes

Date: 2-1-93

card 4/30/93

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

MR W/OWNER
FOR PROPOSED
TOWER 6/10/04

SEPTIC
AREA
PROPOSED
GRADED

N FIELD

TRENCHES

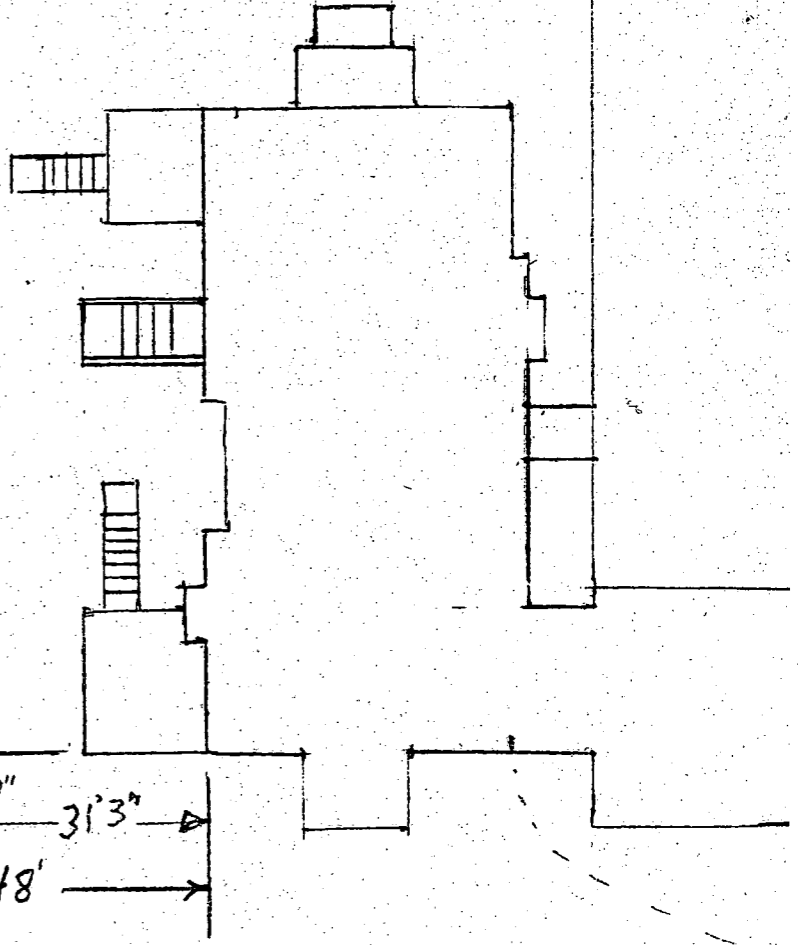
EX. SYSTEM
AS INSTALLED

DISTRIBUTION BOX
2'6" SQUARE

SEPTIC
TANK

19'
6'10"
31'3"
48'

SEPTIC
AREA TO
BE LOST



16106 PATAPSCO OVERLOOK CT.
MT AIRY, MD

~~NOT TO A KNOWN SCALE~~

1:20

APPROVED

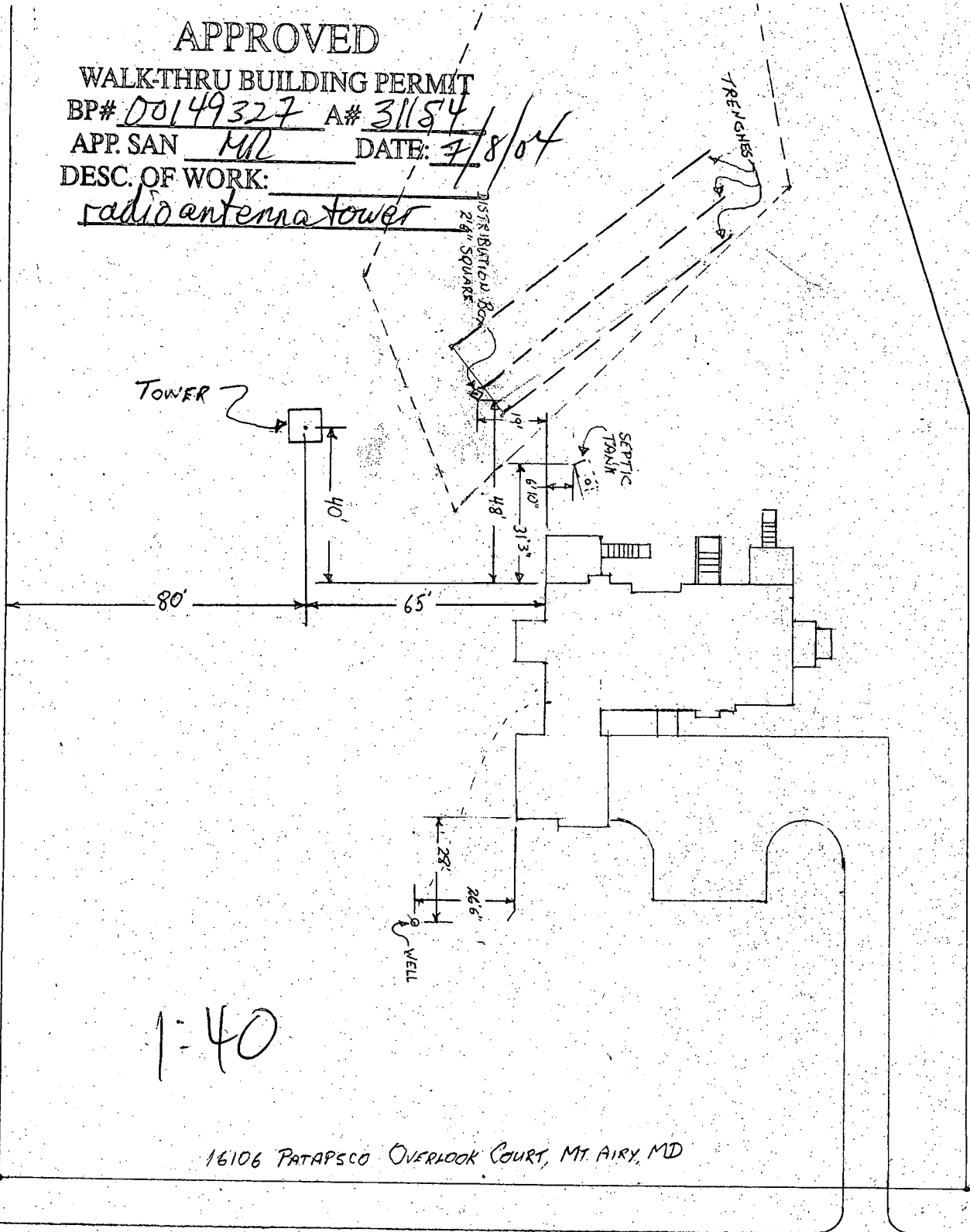
WALK-THRU BUILDING PERMIT

BP# 00149327 A# 31154

APP. SAN ML DATE: 7/8/04

DESC. OF WORK:

radio antenna tower



1:40

16106 PATAPSCO OVERLOOK COURT, MT. AIRY, MD

PATAPSCO OVERLOOK COURT

