

1-12-97
p.m.c.o.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-427010

P 59272B

A 57047-A

DISTRICT 5th

DATE 12/22/97

DATE SYSTEM APPROVED 1/13/98

INSPECTOR LB

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 410-313-2640

INDEXED

Jack Fyock Septic Service _____ IS PERMITTED TO INSTALL ALTER _____

ADDRESS P. O. Box 89, Triadelphia Road, Glenelg, Maryland 21737 PHONE 410-988-9270

SUBDIVISION Gosman Property LOT 1 ROAD 14120 Brighton Dam Road

PROPERTY OWNER Frances Gosman

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 135 180

1/1/98 spoke to J. Fyock - he explained that plumbing exits the house below basement footers. He requested that specs be changed to 3' wide, inlet 6.0, bottom 7.5, 180 ft trench - change OK, but plumbing may still require pumped system. DKS

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - From the intersection of the 553.92' and 471.13' lot lines, place the distribution box 210 feet down the 471.13' and 75 feet off that same lot line. Run trenches on contour toward the 555.85' lot line as seen when facing the lot from the pipestem.

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

ok KM 12/18/97

PLANS APPROVED BY Kim Maiste/Mark Rifkin REVISED _____ DATE 12/10/97

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

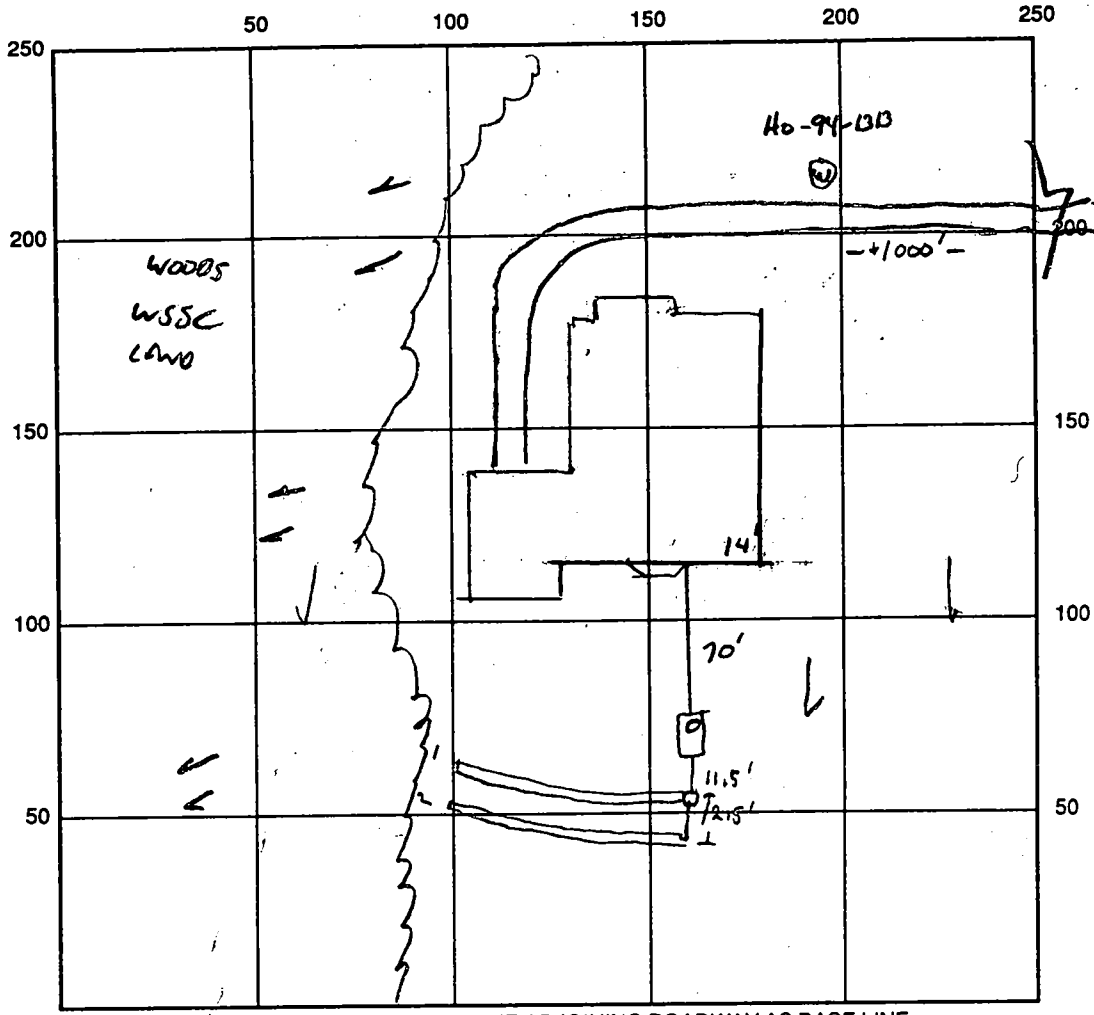
PERMIT VOID AFTER TWO YEARS

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**

A57047-A



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ok 1000 GALLON CLEANOUTS 5.5 MANHOLE

DISTRIBUTION BOX LEVEL ok

DRAIN FIELD/TITLE DEPTH 7.5 FT. TRENCH WIDTH 3 1/2 FT. INLET DEPTH 5.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 93 / 90 FT. 183

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 732 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 1/12/98 ok to cover 1st TRENCH AND LINES. [initials]

1/13/98 ok to finish, cover all work [initials]

DATE SYSTEM APPROVED 1/13/98

INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 57047A

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

PREVIEW OK
4 LOT - 3 AC 16 SUBDIVISION
1 LOT - IS CURRENTLY OCCUPIED
NO "REMAINER" PARCELS
(CW)

DISTRICT _____

DATE 7/26/98

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Francis Gosman

ADDRESS 14134 Brighton Dam Road PHONE 301-854-2417

Clarksville, MD 21029

AGENT OR PROSPECTIVE BUYER _____

ADDRESS Clarksville, MD 21029 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Gosman Property LOT NO. 1

ROAD AND DESCRIPTION 14120 Brighton Dam Road

TAX MAP 33 PARCEL # 1

BLDG. PERMIT SIGNED
AND RETURNED 12-9-97
Serial # B70108901

SIZE OF LOT 3 acres + TYPE BLDG. single family - 3 Bed
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Francis Gosman
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

700 -
8/16/96
8/17/96
10/00

57047B

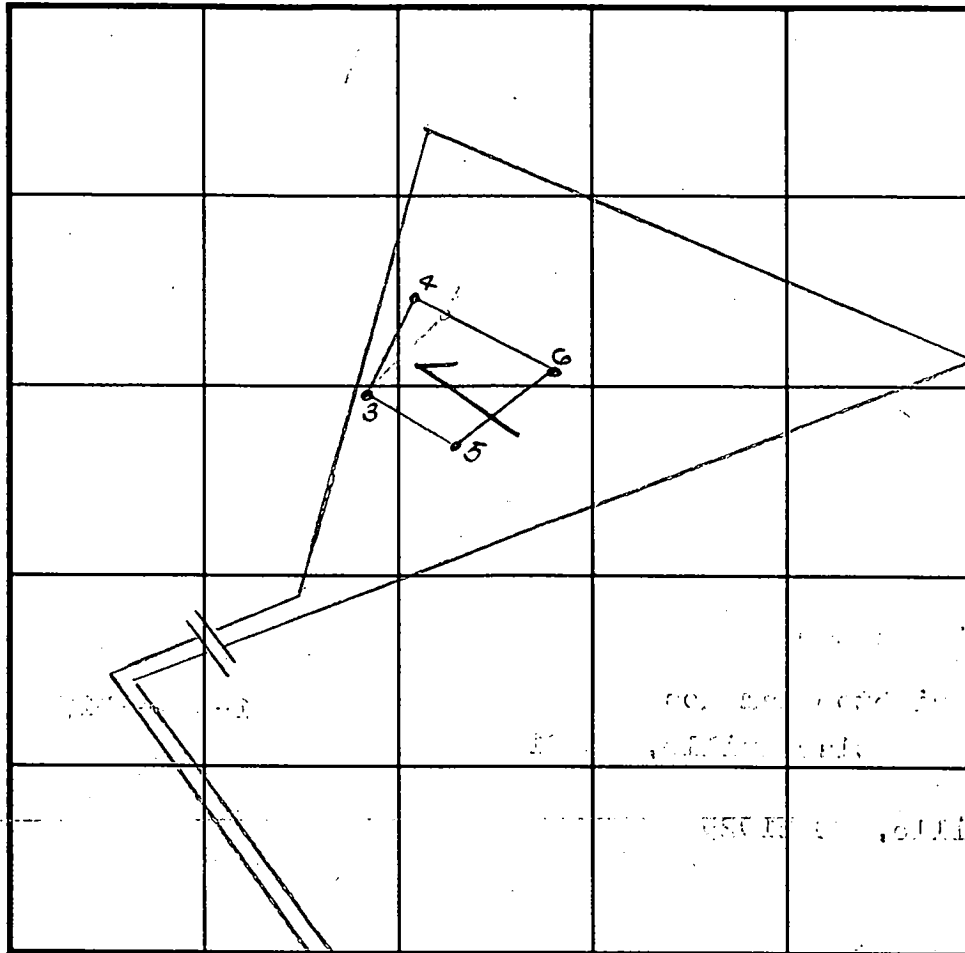
COUNTY #

SOIL PROFILE

0' ③
 0' topsoil
 red br
 cl lm
 3.5' tan to
 beige si
 sa lm
 13' 10-15%
 shale
 frags

0' ④
 1' topsoil
 red or
 br cl lm
 3-3.5' tan to
 beige si
 sa lm
 14' 5-10%
 shale
 frags

0' ⑥
 1' topsoil
 or br cl
 lm
 3'-3.5' 14 or br
 to tan
 si sa
 lm
 13.5' 10-15%
 small
 shale
 frags



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Brighton Dam Road

SOIL PROFILE

0' ⑤
 1' topsoil
 red or
 br cl lm
 4' 14 or br
 to tan
 si sa lm
 13' 5-10%
 small
 shale
 frags

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-15-96	3	4.0'S	1:10 ₃₀	1:12	1:12	1:15	3
		13.0'D	Visual	- See profile			
	4	4.0'S	1:19 1:17	1:20 ₃₀ 1:18	1:20 ₃₀ 1:18	1:23 1:19	3 1
		14.0'D	Visual	- See profile			
	6	4.0'S	1:27 1:25	1:28 ₃₀ 1:26	1:28 ₃₀ 1:26	1:31 1:27	3 1
		13.5'D	Visual	- See profile			
	5	4.0'S	1:35 ₃₀	1:42	1:42	1:58	16
		13.0'D	Visual	- See profile			

REMARKS holes tested as staked - lot moderately wooded

TYPE OF SOIL _____
 TESTED BY D. See ALSO PRESENT R. FLOCK
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 60 TRENCH WIDTH 2'
 INLET DEPTH 3.5' MAXIMUM BOTTOM DEPTH 7.5' SQ. FT./BEDROOM 180

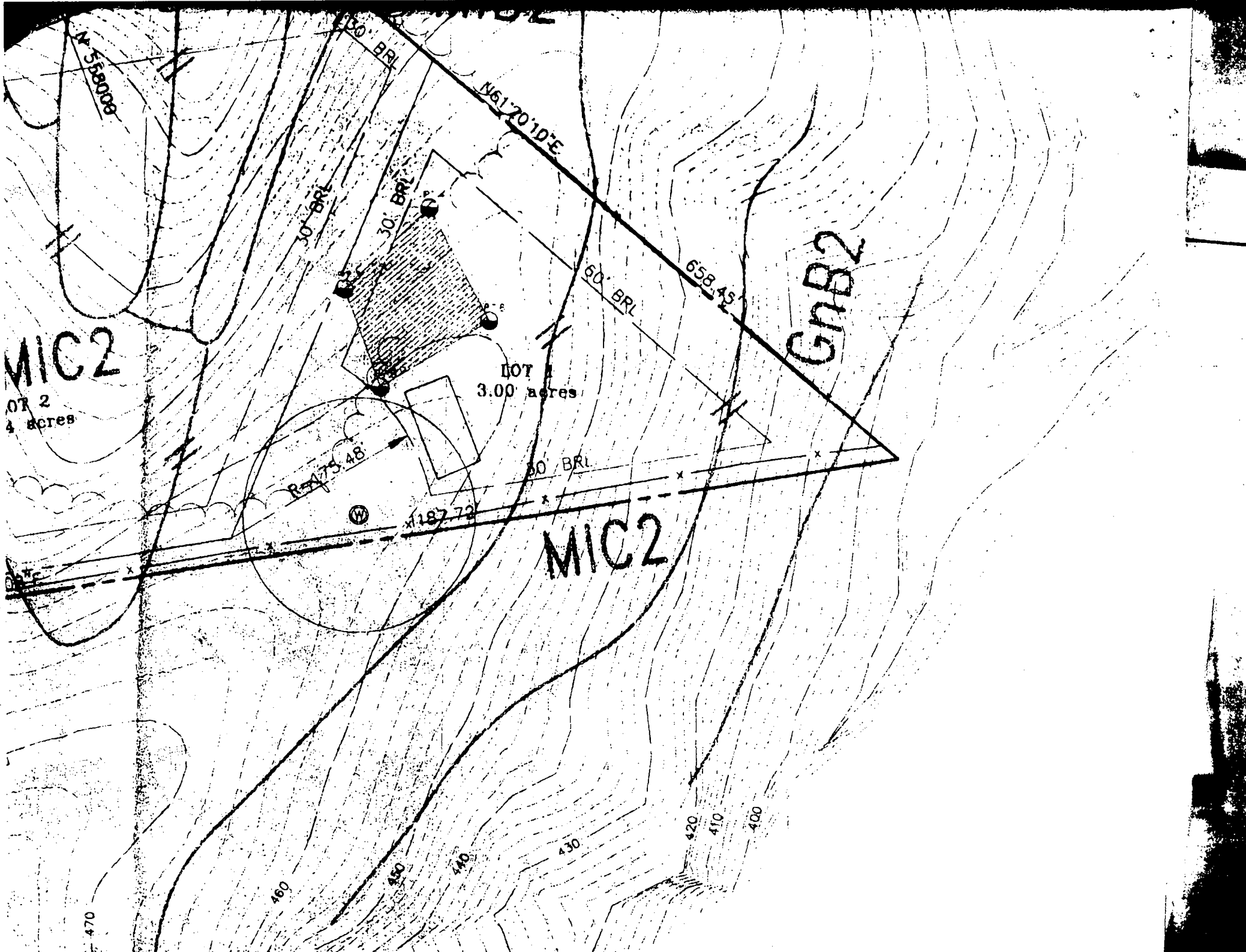
MIC2

LOT 2
4 acres

GnB2

MIC2

LOT 1
3.00 acres



470

460

450

440

430

420

410

400

N 55°00'08"

30' BRL

30' BRL

N61°20'10"E

60' BRL

658.45

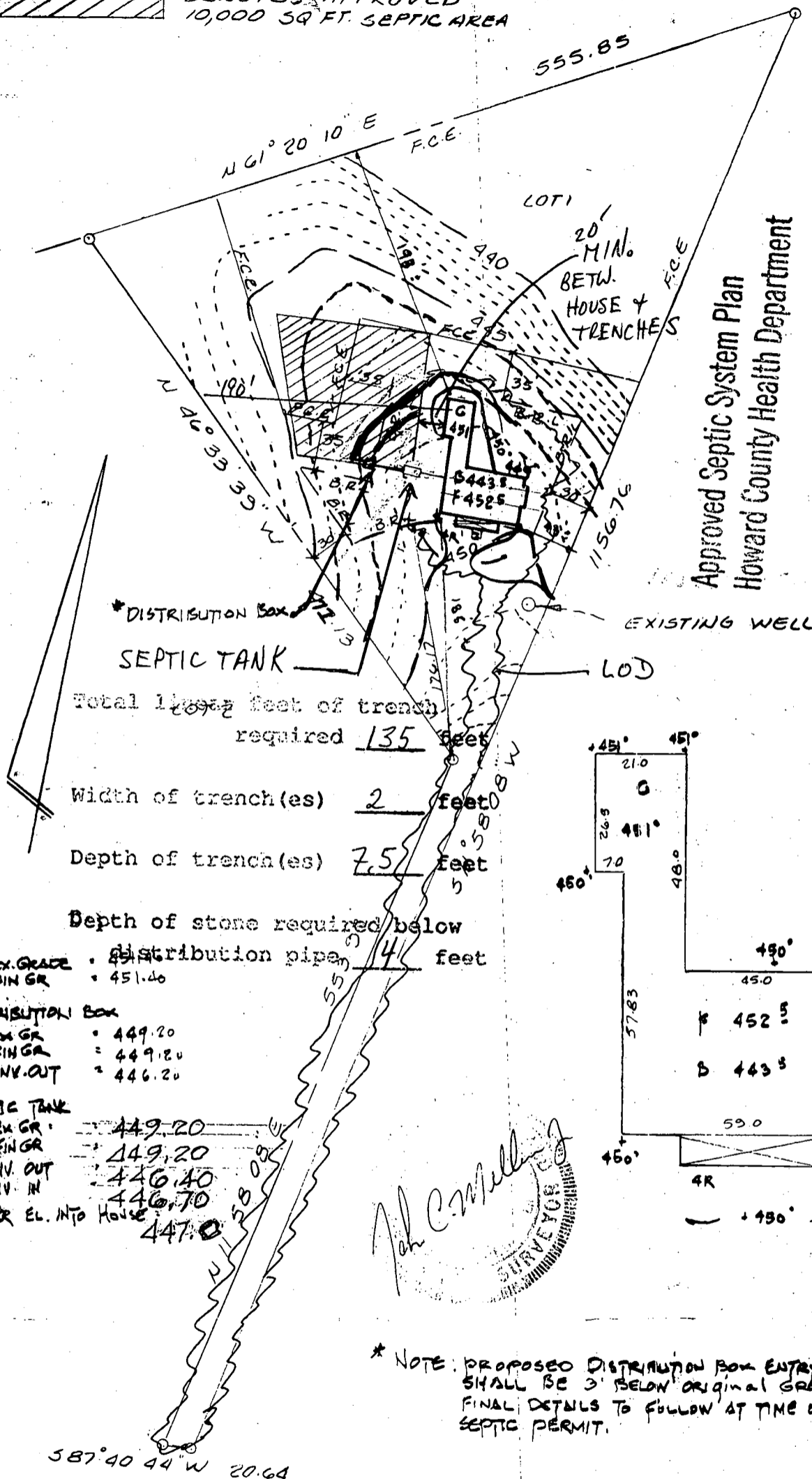
60' BRL

R = 175.48'

x 187.72



DENOTES APPROVED
10,000 SQ. FT. SEPTIC AREA



Approved Septic System Plan
Howard County Health Department

Mark E. Mellema 12/9/97
Signature Date

* DISTRIBUTION BOX
SEPTIC TANK
EXISTING WELL
LOD

Total length of trench
required 135 feet

Width of trench(es) 2 feet

Depth of trench(es) 7.5 feet

Depth of stone required below
distribution pipe 4 feet

WELL

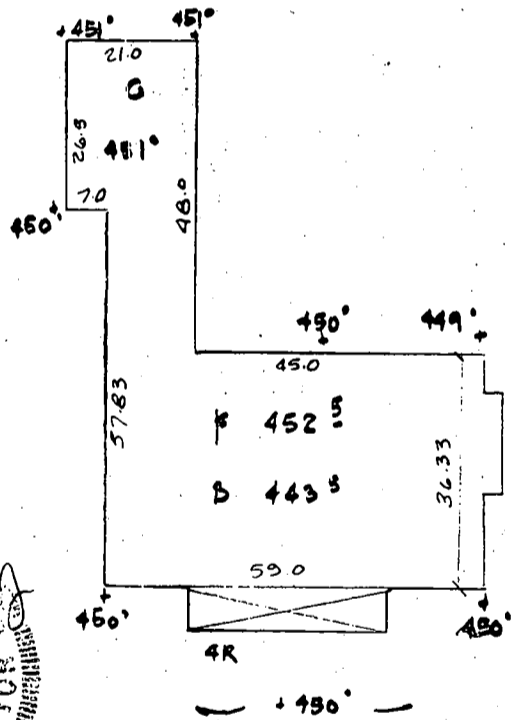
EX. GRACE . 451.46
FIN GR . 451.46

* DISTRIBUTION BOX

EX GR . 449.20
FIN GR . 449.20
INV. OUT . 446.20

SEPTIC TANK

EX GR . 449.20
FIN GR . 449.20
INV. OUT . 446.40
INV. IN . 446.70
SEWER EL. INTO HOUSE . 447.0



John C. Mellema
SURVEYOR

* NOTE: PROPOSED DISTRIBUTION BOX ENTRY
SHALL BE 3' BELOW ORIGINAL GRADE.
FINAL DETAILS TO FOLLOW AT TIME OF
SEPTIC PERMIT.

587°40'44" W 20.64

SITE PLAN

LOT 1 "GOSMAN PROPERTY"
LOTS 1 THRU 4
HOWARD COUNTY MARYLAND
TAX MAP 33 PARCE 1 GRID 18
FIFTH ELEC. DIST. NOVEMBER, 1997
SCALE 1"=100'

PREPARED BY
JOHN C. MELLEMA SR., INC
LAND SURVEYORS
5409 EAST DR. BALTO. MD. 21221
PH: 410-247-7488 FAX 410-247-2507

C 1 09494 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3, 6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 57047A

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1313

OWNER Gosman Francis STREET OR RFD Brighton Dam Rd. TOWN Clarksville SUBDIVISION Gosman Property SECTION LOT 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Sand, Gray mica Rock, Dry well 440, Filled in with cement + drilling materials.

GROUTING RECORD form: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (13), NO. OF POUNDS (1222), DEPTH OF GROUT SEAL (0 to 41).

CASING RECORD form: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (45).

OTHER CASING (if used) form: diameter, depth (feet) from to.

SCREEN RECORD form: screen type or open hole (ST, BR, HO, PL, OT), insert appropriate code below.

PUMPING TEST form: HOURS PUMPED (6), PUMPING RATE (2.4), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (46 before, 315 when), TYPE OF PUMP USED (S).

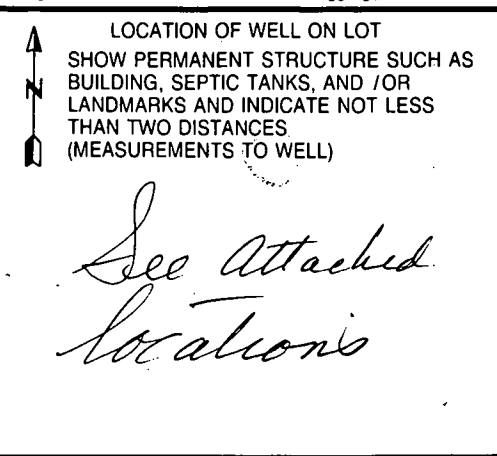
PUMP INSTALLED form: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY (GALLONS PER MINUTE), PUMP HORSE POWER, PUMP COLUMN LENGTH (43), CASING HEIGHT (2).

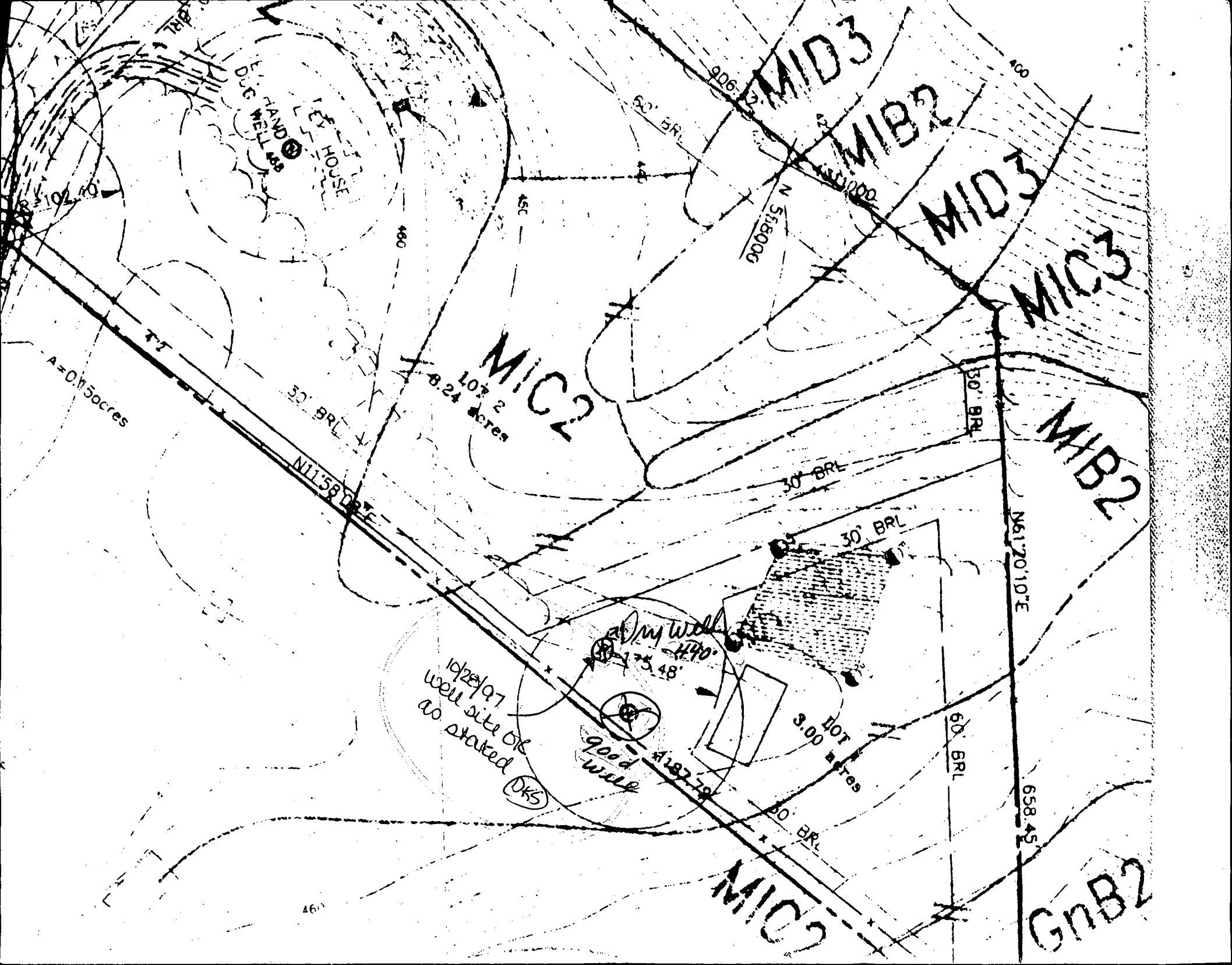
NUMBER OF UNSUCCESSFUL WELLS (1), WELL HYDROFRACTURED (Y), CIRCLE APPROPRIATE LETTER (A, E, P), I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04.

DEPTH (nearest ft.) table with columns 1-21 and rows E, A, C, H, S, R, E, N. Includes handwritten entries: 10, 43, 345.

DRILLERS LIC. NO. 1 MS DO 24, DRILLERS SIGNATURE (Must match signature on application), LIC. NO. 1 MS DO 27, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68, MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.





DUG WELL 488
KEY HOUSE

MIC2
107.2
8.24 acres

MID3

MIB2

MID3

MIC3

MIB2

MIC3

GNB2

A = 0.1150 acres

1022/97
well site OK
as stated
DKS

Dry Well 1490
175.48'

Good Well 900

3.00 DOT
100.00
acres

460

460

460

658.45

50' BR

N 55° 00' 00"

N 11° 58' 00" E

30' BRL

30' BRL

30' BRL

N 61° 20' 10" E

60' BRL

60' BRL

TT

R 102.70

450

906.12

500.00



B 1 6054

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1313
fill in this form completely

Date Received (APA)

10/20/97

OWNER INFORMATION

GOSMAN FRANCIS
Last Name Owner First Name

14134 BRIGHTON DAM RD.
Street or RFD

CLARKSVILLE MD. 21029
Town State Zip

B 3

LOCATION OF WELL

Howard.
COUNTY

Gasman Property
SUBDIVISION

SECTION LOT 1

CLARKSVILLE
NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 4 M I

DRILLER INFORMATION

Joseph L. Magna MSD 24
Driller's Name License No.

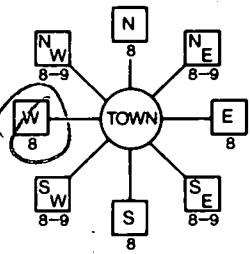
Joseph L. Magna Well Drilling
Firm Name

5572 Ridge Rd. Int. Hwy. Md 21775
Address

Joseph L. Magna 10/16/97
Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Brighton Dam Road.
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
SOUTH
34 360 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39
FT

TAX MAP: 33 BLK: PARCEL

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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 APPROVAL)
- TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A 57047A
COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S →

DATE ISSUED 10/20/97 EXP. DATE 10/27/98

NORTH GRID 497 000 EAST GRID 799 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
- AIR-BOIary 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

E 790

N 490

10/13/97 AM
45' casing
41' open
13 bags
location OK
Km
000
000

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- THIS WELL WILL DEEPEEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER G A P
FORCE DS WRITE INITIALS IN BOX PERMIT No. HO-94-1313

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -