

1/9/1 ASAP + LATER

03-310906

# PERMIT

P 46802

SEWAGE DISPOSAL SYSTEM

A 35688

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 3rd

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

DATE 2-7-91

INDEX - TIME EXPIRED

DATE SYSTEM APPROVED 2/11/91

FOR F.C.O.P. COMPLIANCE

INSPECTOR M. Rifkin

Wayde Souder/Wesmar Corporation 7/15/93  
*C. Williams / C. Rd*  
IS PERMITTED TO INSTALL  ALTER

ADDRESS 13990 Triadelphia Mill Road, Clarksville, MD PHONE 531-2166

SUBDIVISION Gaither Farm ROAD 11054 Gaither Farm Road LOT 18

PROPERTY OWNER Mr. and Mrs. James Broady

ADDRESS \_\_\_\_\_

~~IF GARAGE UNDER HOUSE INCREASE SEPTIC TANK CAPACITY BY 90% AND ABSORPTION AREA BY 25%~~

~~CARBON FILTER XXXXXXXXXXXXXXXXXXXX~~

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3 144' TRENCH REQ'D

TRENCHES - 240 sq.ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box on the 483 feet contour line located 180 feet from the front and 50 feet from the left lot line as seen when facing the lot from Gaither Farm Road. Run the trenches toward the left side line, on contour. Several parallel trenches at least 10 feet apart needed, keep the trenches and tank at least 100 feet from the well.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *IN 2-21-90*

PLANS APPROVED BY Raymond Hodges DATE 12/12/89

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

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

BLDG. PERMIT SIGNED

AND RETURNED 6-29-90

*Serial # BT 112639*

*SUNTT*

A 35688

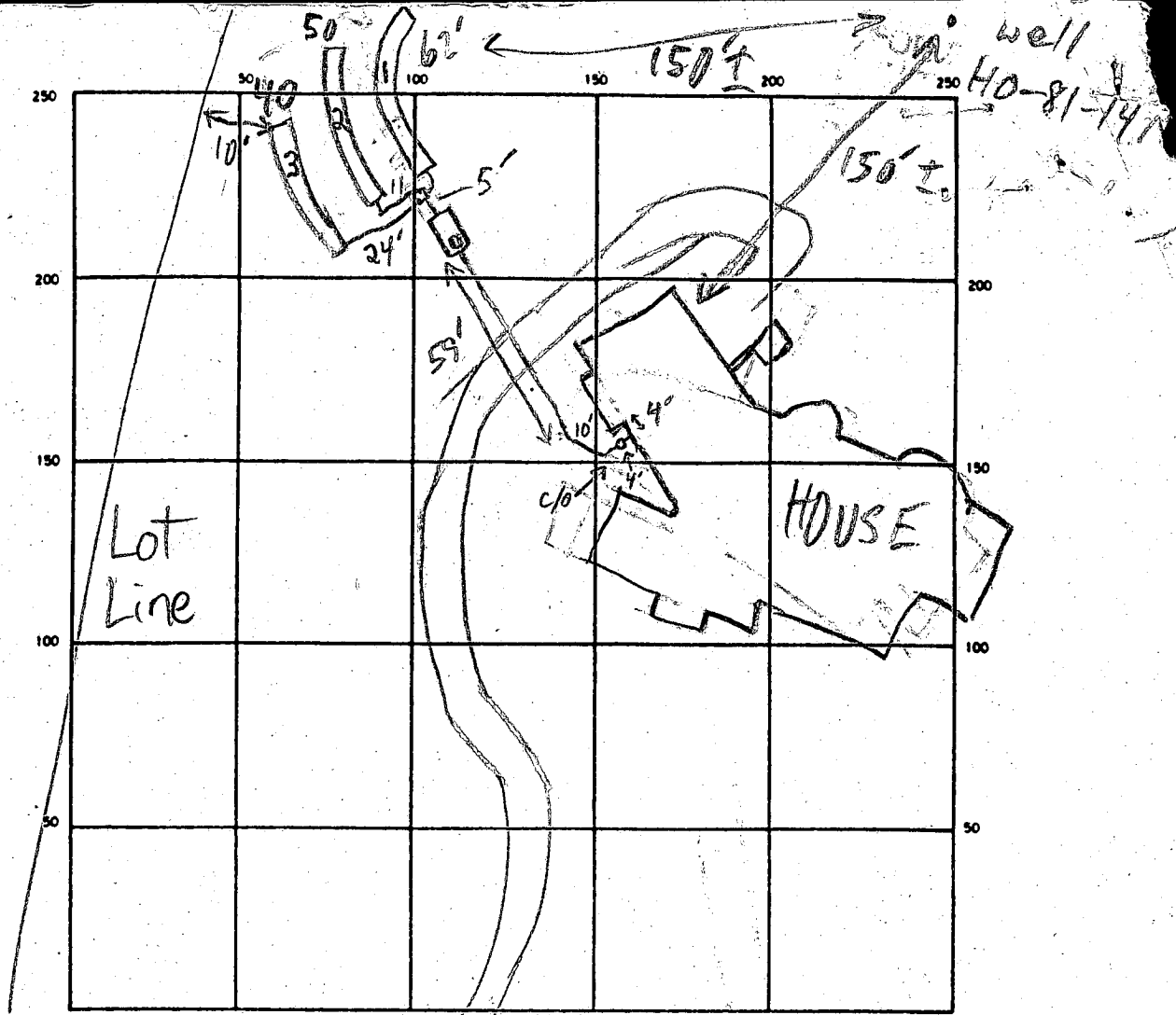
\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

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

BLDG. PERMIT SIGNED

AND RETURNED 6/25/91

*Serial # 38534 - Pool.*



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

**GAITHER FARM RD**

SEPTIC TANK. LEVEL 1000 GAL-OK CLEANOUTS INLINE 4 S.T. OK

DISTRIBUTION BOX. LEVEL OK-BAFFLE IN

DRAIN FIELD/TILE FIELD. DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 062 @ 50 @ 40 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 0310 @ 250 @ 200 SQ. FT.

DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 760 SQ. FT.

REMARKS 2/11/91 #1 OK TO STONE ALL TRENCHES MR  
2/11/91 #2 OK TO COVER ALL MR

DATE SYSTEM APPROVED 2/11/91

INSPECTOR M. RIFKIN

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 3568P

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 3

DATE 4/20/85

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.

Owner: Phillip Dorsch  
Purchaser: Patrick McCuan Mr. & Mrs. James Broady - 596-5774  
PROPERTY OWNER 1000 Equitable Banker  
ADDRESS Columbia, MD 21044 PHONE 730-9091

PROPERTY LOCATION:

SUBDIVISION Gaither Farm LOT NO. 19 NEW 10

ROAD AND DESCRIPTION Homenood Rdr and Rte. 108 11054 Gaither Farm Rd

SIZE OF LOT 3 acres TYPE BLDG. 3-5  
(NUMBER OF BEDROOMS)

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. Christine Richards  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 6/27/85 - DIMORPHIC (SLOW PERC & ROCK)

7-18-85 Perc. Satisfactory, hold for Certified Subdivision Permit

BLDG. PERMIT SIGNET  
AND RETURNED 2/18/85  
Serial # 30644  
SFD - 3 Bedroom

# THIS IS NOT A PERMIT

SOIL PROFILE

0' [Empty vertical box for soil profile]


1/16/34

av  
time  
1.0 min  
Max  
Depth  
4.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

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

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

EH-12-1079

# APPLICATION

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: 992-2330

A 3568

P \_\_\_\_\_

DISTRICT 3

DATE 4/20/85

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 Patrick McLean  
ADDRESS 100 E. Gateville Bank Ctr  
Columbia, MD 21044 PHONE 730-9091

PROPERTY LOCATION: Gaither Farm  
SUBDIVISION \_\_\_\_\_ LOT NO. 19  
ROAD AND DESCRIPTION Homewood Rd. and Rte. 108  
SIZE OF LOT 3 acres TYPE BLDG. 3-5  
(NUMBER OF BEDROOMS)

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. Christine Richards  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

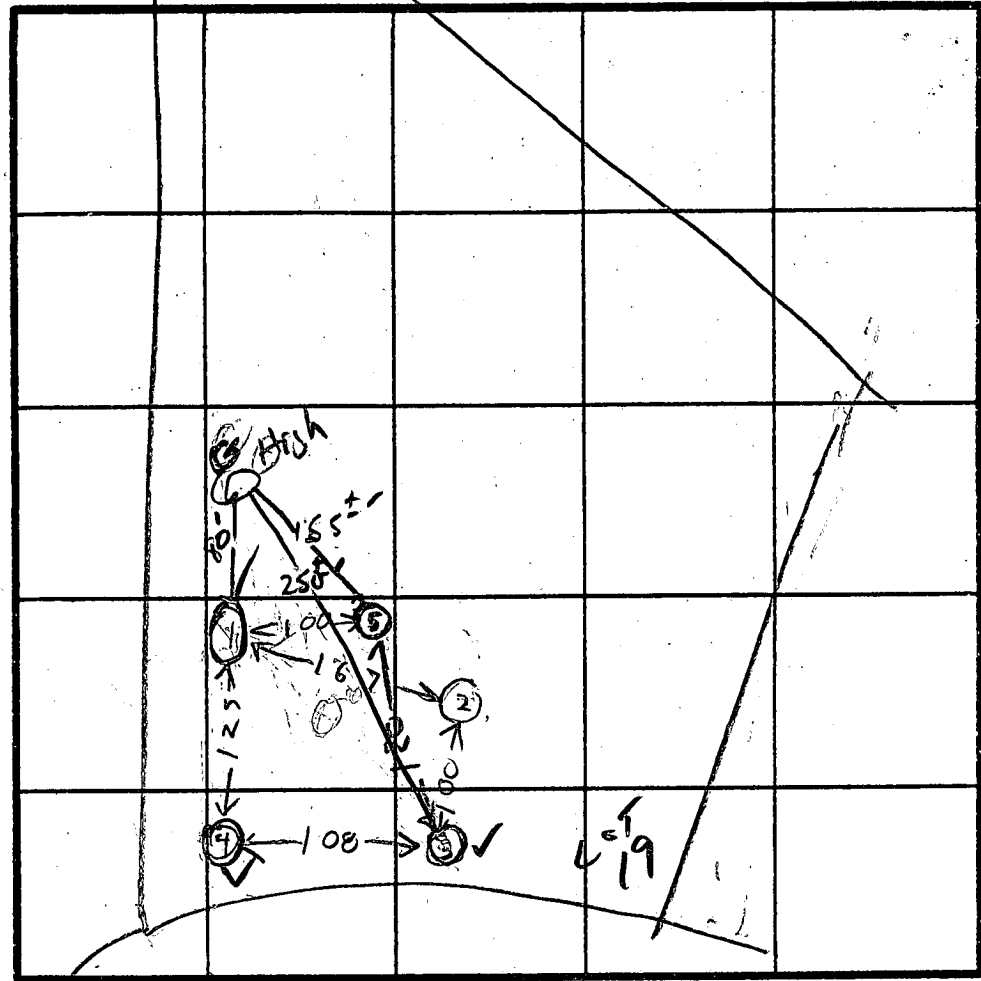
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

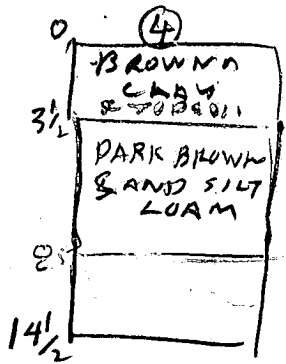
## THIS IS NOT A PERMIT

LOT 19

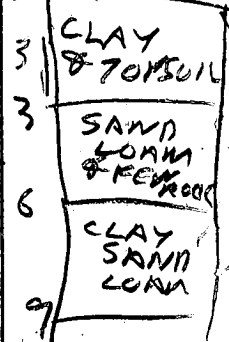
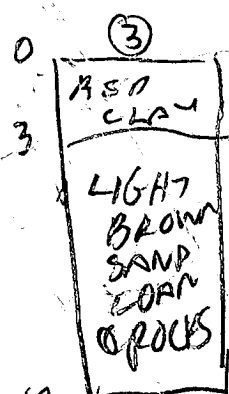
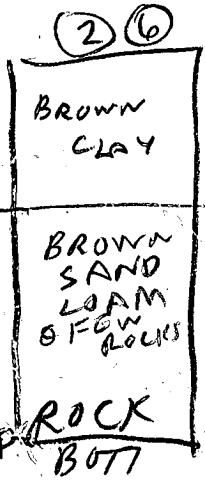
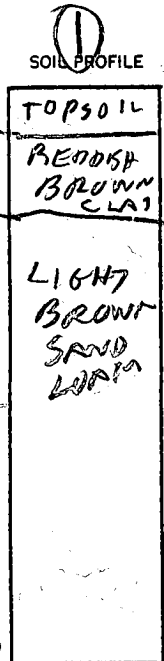
9L  
7/2



RH#	SURVEYOR LETTER
1	A
2	B
3	C
4	D
5	E



HOLE ELEVATION  
 (1)(5)(2) = HIGH  
 (4) = LOW  
 (3) = MEDIUM  
 (5)



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/26/85	✓ 5	5 1/2	236	246	246	301	15
	✓ 17	10	232	237	237	251	14
	✓ 14	13 1/2	LOOKS OK				
	23	5	319	309	little more		
	27	10	320	330	330	342	12
6/26/85	✓ 21	10	LOOKS UNSAT CLAY & ROCK				
6/27/85	✓ 3 P	9 1/2	146	148	148	152	4
	✓ 3 S	4	147	149	148	152	3
	✓ 3 V	13	LOOKS OK				
	✓ 4 S	5	215	227	227	234	7
	✓ 4 D	8.5	217	221	221	227	6
	✓ 4 V	14 1/2	LOOKS OK				
6/27/85	5 S	4	257	304	304	331	27
	5 D	9 1/2	VISUAL SAND LOAM AT 7' TO 12'				
7/14/85	6 S (12)	4.5	1157	2:13	2:13	2:41	28min
	6 M (12)	9	1158	1159	1159	2:04	5min

REMARKS HOLES (1)(2)(3)(4) PER SURVEYOR HOLES (5) EXTRA  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY R HODGES R HODGES  
 ALSO PRESENT DAVE & BONNIE ALOBRICK  
 ERILHARDS & NEADEAU

EH-12-1079

B 1 **4595** SEQUENCE NO. (OEP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 OF ALL CARDS)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

OEP PERMIT NUMBER  
**HO-81-1410**  
fill in this form completely

Date Received **4/25/86**  
**332408**  
OWNER INFORMATION  
**G Y C** **B U I L D E R S**  
Last Name Owner First Name  
**11673** **F A R S I D E** **R D**  
Street or RFD  
**ELLICOTT** **C I T Y** **M D** **21043**  
Town State Zip

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**G A I T H E R** **F A R M** SUBDIVISION  
SECTION **44** **46** LOT **18**  
**ELLICOTT** **C I T Y** NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **1/2** MI

DRILLER INFORMATION  
**Joseph L. Mayne** License No. **238**  
**Joseph L. Mayne WELL DRILLING** Firm Name  
**5512 Ridge Rd. Mt. Airy, Md 21111** Address  
**Joseph L. Mayne** Signature **3/24/86** Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
**NE**  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
**W** **E** **S** **N**  
NEAR WHAT ROAD **Barther Farm Road**  
DISTANCE FROM ROAD **260** FT  
ENTER FT or MI **F T**

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

NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME  
**A 35688** COUNTY NO.  
OEP SIGNATURE \_\_\_\_\_ STATE HEALTH INSERT S \_\_\_\_\_  
DATE ISSUED **040386** CO-SIGNATURE **R. Nelson** EXP. DATE **10/03/86**  
NORTH GRID **513000** EAST GRID **0829000**

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)

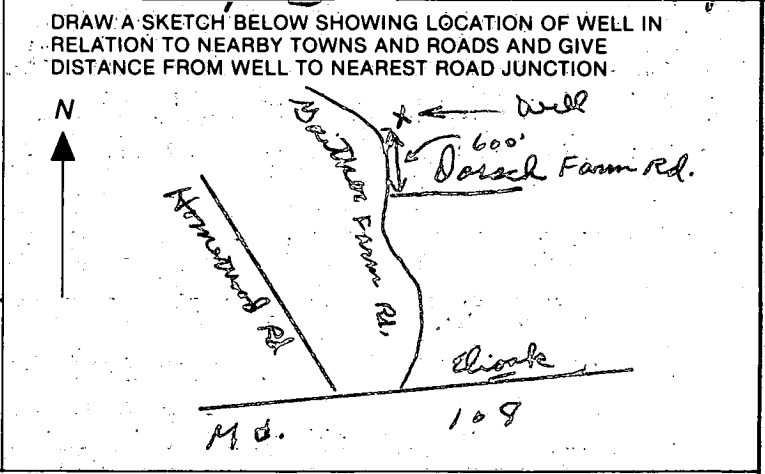
APPROXIMATE DEPTH OF WELL **300** FEET

APPROXIMATE DIAMETER OF WELL **6** 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  
**8269**  
**5193**  
location OK  
25 casing  
2' above base  
22' open  
6 bags  
Not present for you  
4/25/86

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)  
APPROP. PERMIT NUMBER \_\_\_\_\_  
FORCE **GA** WRITE INITIALS IN BOX PERMIT No. **HO-81-1410**

SPECIAL CONDITIONS

C1 **67** SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WELL COMPLETION REPORT**  
 FILL IN THIS FORM COMPLETELY  
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN  
 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER **A-35688**

DATE RECEIVED  
 8

DATE WELL COMPLETED  
 15 **042586** 20

DEPTH OF WELL  
 22 **305** 26  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**HQ-81-1470**  
 28 29 30 31 32 33 34 35 36 37

OWNER **ROILDERS GYC**  
 STREET OR RFD **SWITHERS FARM RD** first name TOWN **ELLICOTT CITY**  
 SUBDIVISION **GATHER FARMS** SECTION LOT **18**

**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		Check if water bearing
	FROM	TO	
top soil	0	4	
SAND stone	4	11	
GRAY GRANITE	11	305	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES  NO   
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **36** NO. OF POUNDS **564**  
 GALLONS OF WATER **36**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from  ft. to  ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST  CO  
 STEEL CONCRETE  
 PL  OT  
 PLASTIC OTHER  
 MAIN Nominal diameter Total depth  
 CASING top (main) casing of main casing  
 TYPE (nearest inch) (nearest foot)  
 57  6  25

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

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

**C2**  
 DEPTH (nearest ft.)  
 1 **H0** 24 305  
 8 9 11 15 17 21  
 23 24 26 30 32 36  
 38 39 41 45 47 51  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN  (NEAREST INCH)  
 56 60

GRAVEL PACK from to  
 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.) WQ  
 70  72  74 75 76

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour)        
 PUMPING RATE (gal. per min. to nearest gal.)        
 METHOD USED TO MEASURE PUMPING RATE **bucket**  
 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 (describe below)  
 J jet  S submersible

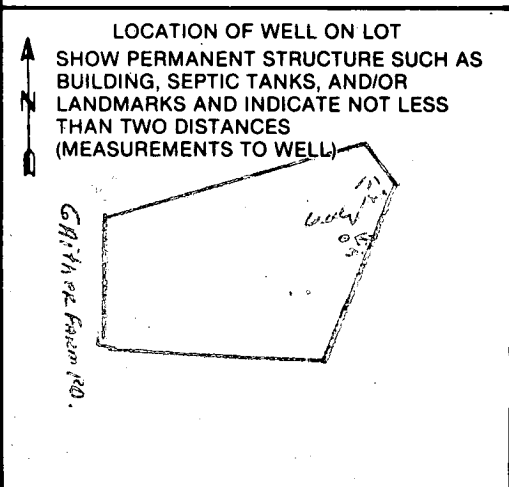
**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP YES  NO   
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:   
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)        
 PUMP HORSE POWER      
 PUMP COLUMN LENGTH (nearest ft.)      
 CASING HEIGHT (circle appropriate box and enter casing height)  
 + above } LAND SURFACE (nearest foot)  
 - below }  (nearest foot)  
 49 51

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 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. **238**  
**Joseph L. Maupin**  
 DRILLERS/SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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



FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81 1410  
 Location of property (road) GATHERERS FARM RD  
 Subdivision GATHER FARM Lot 18 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller JOSEPH MRYNE Owner BUILDERS, GYC

Depth of well 305'  
 Distance of measuring point (M.P.) above ground 1'  
 Static water level (S.W.L.) below M.P. 32'

I. High rate pumping -- reservoir drawdown  
 Time pump started 7:45 Pumping rate 10  
 Total time 95 min to reach pumping water level 277 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 6 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	120	5		12
8:15	200	5		12
8:30	277	6		10
8:45	277	15		4
9:00	277	15		4
9:15	277	15		4
9:30	277	15		4
9:45	279	15		4
10:00	285	15		4
10:15	285	17		3 1/2
10:30	285	17		3 1/2
10:45	285	17		3 1/2
11:00	285	17		3 1/2
11:15	285	17		3 1/2
11:30	285	17		3 1/2
11:45	285	17		3 1/2
12:00	285	17		3 1/2
12:15	285	17		3 1/2
12:30	285	17		3 1/2
12:45	285	17		3 1/2
1:00	285	17		3 1/2
1:15	285	17		3 1/2
1:30	285	17		3 1/2
1:45	285	17		3 1/2
2:00	285	17		3 1/2
2:15	285	17		3 1/2
2:30	285	17		3 1/2

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

6/12/91  
of Final  
of C.P.S.

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X  
Replacement \_\_\_\_\_

Receipt # 47185  
Date 6/12/91

Name of Installer GASKE Plumbing+Heating, Inc. Telephone 301-247-6963

License Number # 3189  
Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner JAMES BROADY Telephone 596-5174  
Subdivision Gaither FARM Lot # #18 Well Tag # HO-81-1410  
Site Address 11054 Gaither Farm Road

Pump

- Type
  - Deep well jet \_\_\_\_\_
  - Shallow well jet \_\_\_\_\_
  - Submersible X
- Make Goulds
- Model # 7E Ho 7412
- Capacity 3 1/2 At 260 GPM
- Pump exceeds well capacity Yes \_\_\_\_\_ No
- If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No \_\_\_\_\_
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other TAPE

Motor

- Horsepower 3/4
- RPM \_\_\_\_\_
- Voltage \_\_\_\_\_
  - 110 \_\_\_\_\_
  - 220 X

Pitless Adapter

- Make \_\_\_\_\_
- Model # \_\_\_\_\_
- Depth 285

Tank

- Capacity 2650 WX
- Pressure relief valve? 75 lb

Piping

- Type Big Blue
- Size 1"
- NSF and/or BOCA Code approved yes
- Depth of supply line 285

Well data

- Depth 305' ft.
- Yield 3.5 GPM
- Static water level 260' ft.
- Will water supply be disinfected by installer? NO

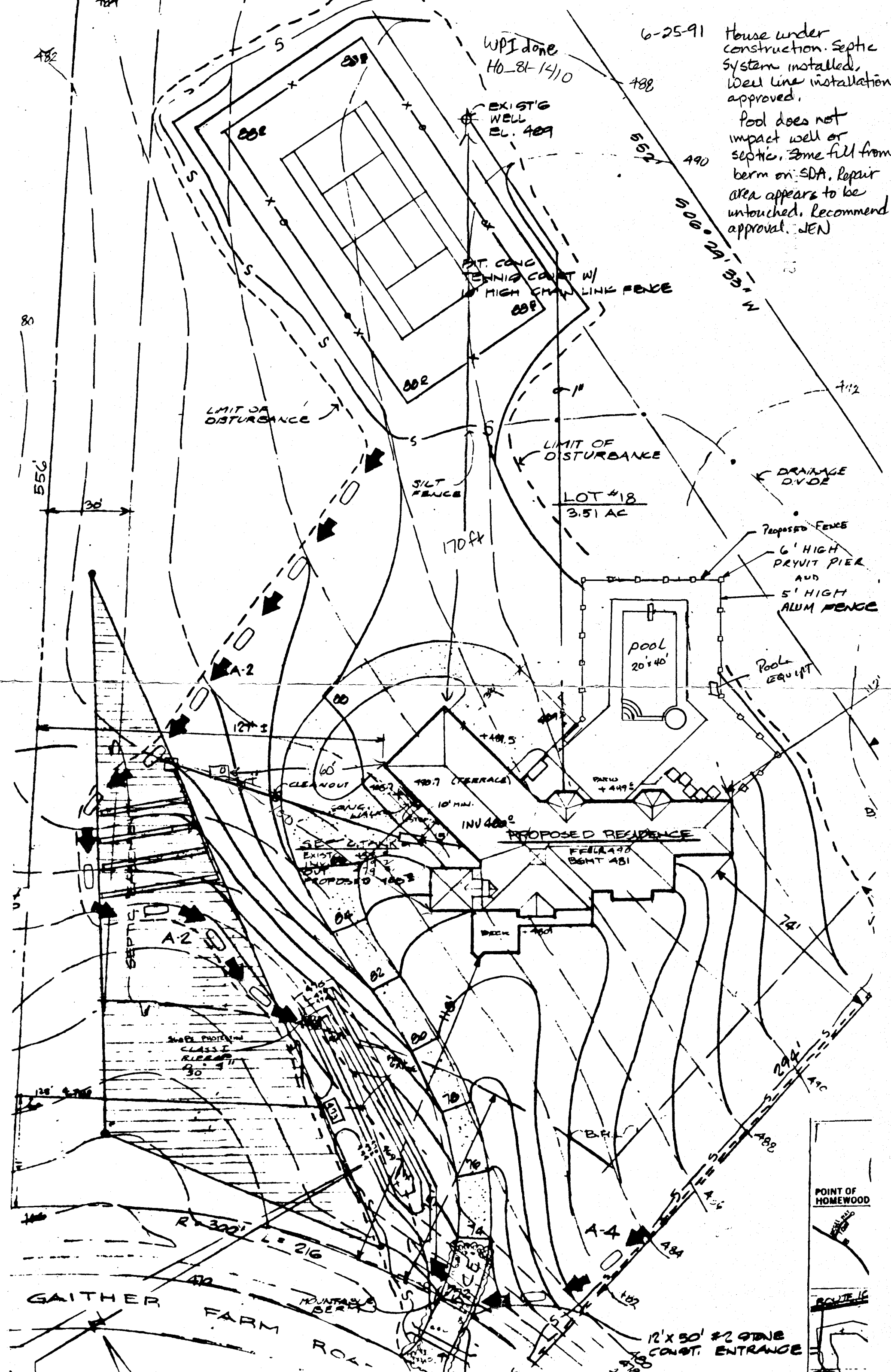
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: John Gaske

Date 6-12-91

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



6-25-91 House under construction. Septic system installed, Well line installation approved.  
 Pool does not impact well or septic, some fill from berm on SDA. Repair area appears to be untouched. Recommend approval. JEN

WPI done  
 HO-81-1410

EXIST'G WELL  
 EL. 489

5 FT. CONC. TENNIS COURT W/  
 HIGH CHAIN LINK FENCE

LIMIT OF DISTURBANCE

LIMIT OF DISTURBANCE

LOT #18  
 3.51 AC

DRAINAGE DITCH

PROPOSED FENCE  
 6' HIGH PRIVY PIER AND  
 5' HIGH ALUM FENCE

POOL EQUIP

PROPOSED RESIDENCE

FLOOR 470  
 BGMT 481

A-2

A-4

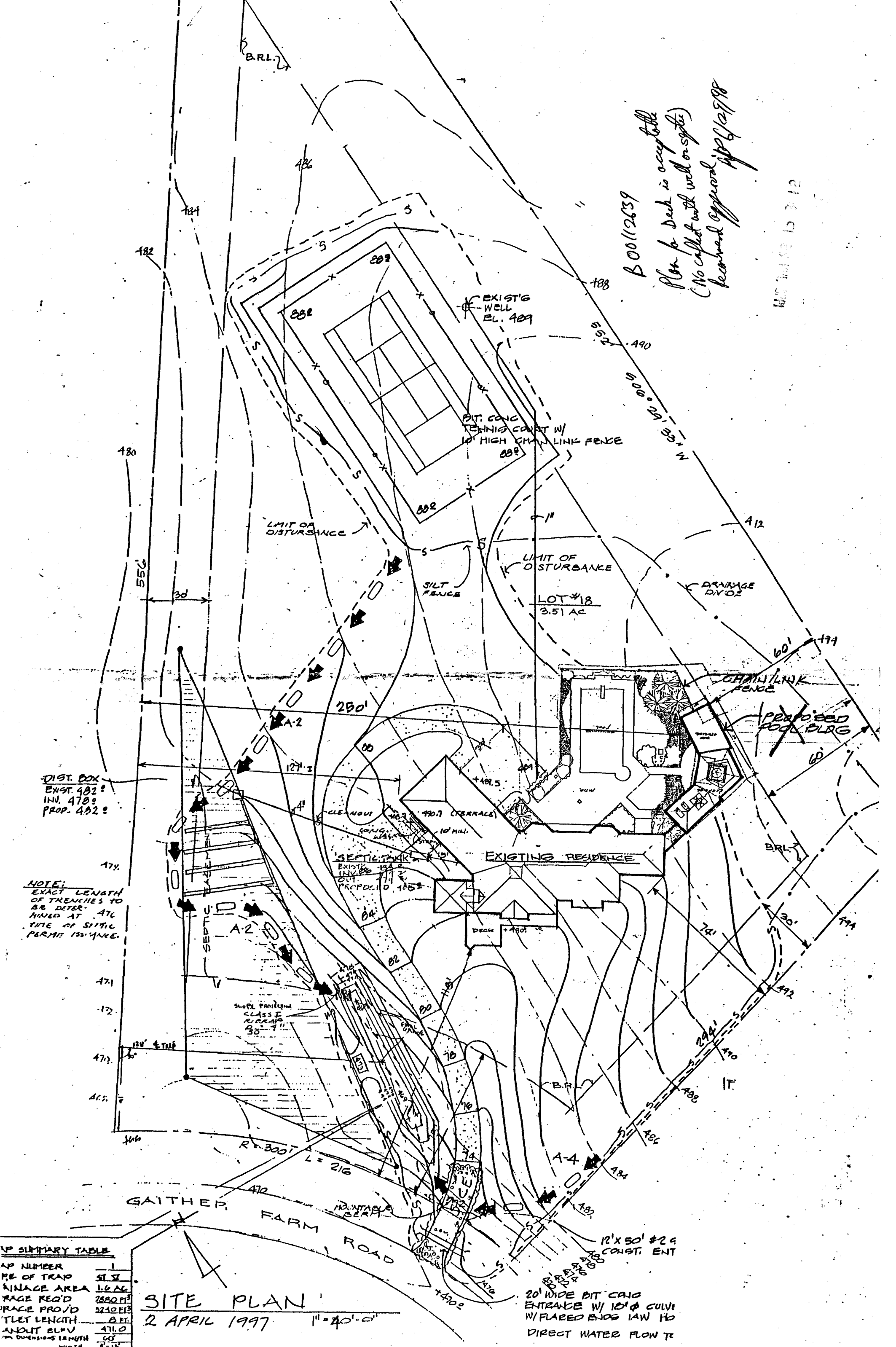
SEPTIC SYSTEM  
 CLASS I RIBBON  
 30" x 4"

GAITHER FARM ROAD

POINT OF HOMEWOOD

ROUTE 16

12' X 50' #2 CONCRETE ENTRANCE



B0012639  
 Plan for Deck is acceptable  
 (No conflict with well or septic)  
 Perceived approval 4/26/98

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DIST. BOX  
 EXIST. 482'  
 INV. 478'  
 PROP. 482'

NOTE:  
 EXACT LENGTH  
 OF TRENCHES TO  
 BE DETER-  
 MINED AT  
 TIME OF SITE  
 PERMIT 132' YARD.

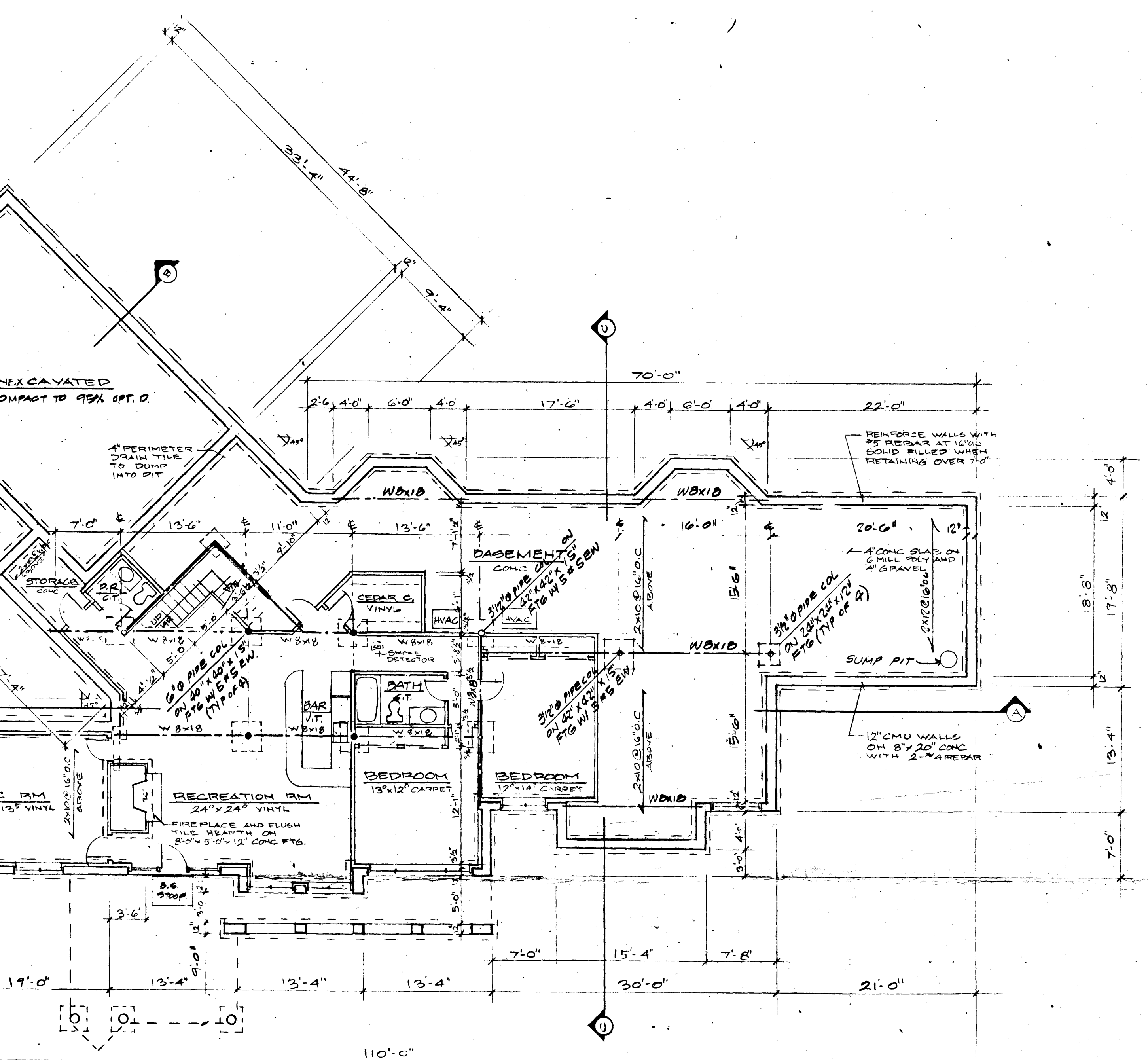
UP SUMMARY TABLE

UP NUMBER	1
RE OF TRAP	51.5'
RAINAGE AREA	1.0 AC
ORAGE REQ'D	2880 P3
ORAGE PROV'D	3240 P13
TLET LENGTH	8 FT
ANDUT ELEV	471.0
IN DIMENSIONS LENGTH	60'
WIDTH	4'-12"

**SITE PLAN**  
 2 APRIL 1997  
 1" = 40'-0"

12' X 50' #29  
 CONST. ENT  
 20' WIDE BIT CONG  
 ENTRANCE W/ 10" Ø CURVE  
 W/ FLARED ENDS 1AW HO  
 DIRECT WATER FLOW TO





**BASEMENT FLOOR PLAN** - 1/8" = 1'-0"  
 FINISHED AREA 1600 GSF

2/16/90  
 REVISED PLANS OK  
 RH

**NOTE:**  
 SEE P. 2 FOR SOIL CONSERVATION DETAILS.

**SIGNATURE BLOCKS**

**By the Developer:**  
 "I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."  
**BARBARA BRADY**  
 Signature of Developer Date

**By the Engineer:**  
 "I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."  
**Joseph Mayle**  
 Signature of Engineer Date 4/23/90  
 Registered Professional Engineer

Reviewed for HOWARD S.C.D. and meets Technical Requirements

U.S. Soil Conservation Service Date

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

Howard S.C.D. Date

**PERMITS CONTROL NOTES**

- A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction. (992-2437).
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within a) 7 Calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1  
 b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 121 of the Howard County Design Manual, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 Maryland Standards and Specifications for Soil Erosion Control for permanent seedings (Sec. 51) sod (Sec. 52) temporary seeding (Sec. 53) and mulching (Sec. 54). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:  
 a) Total Area of Site 3.31 Acres  
 b) Area Disturbed 2.02 Acres  
 c) Area to be roofed or paved 1.22 Acres  
 d) Area to be vegetatively stabilized 1.82 Acres  
 e) Total Cut 2002 cu. yds. (includes 182 cu. yds. compaction)  
 f) Total Fill 1222 cu. yds.  
 g) Offsite waste/borrow area location N/A
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided if deemed necessary by the Howard County UPW Sediment Control Inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

**PERMANENT SEEDING NOTES**

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

**Seedbed Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.  
**Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:  
 1) **Preferred** - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq. ft.)  
 2) **Acceptable** - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq. ft) before seeding. Harrow or disk into upper three inches of soil.

**Seeding** - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**Mulching** - Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

**Maintenance** - Inspect all seeded areas and make needed repairs, replacements and reseedings.

**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

**Seedbed Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

**Soil Amendments:** - Apply 60 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).  
**Seeding:** - For periods March 1 thru April 30 and from August 15 thru October 15, seed with 2-1/2 bushel per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

**Mulching:** - Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

REVISIONS

**CRAIG L STEWART**  
 ARCHITECT P.A.  
 8329 MAIN STREET  
 ELLICOTT CITY, MARYLAND 21043  
 BALTIMORE 465-7687 OR 465-7729

THE BROADY RESIDENCE  
 LOT 18 / 11054  
 GAITHER FARM RD, ELLICOTT CITY, MD.  
 BASEMENT FLOOR PLAN / SITE PLAN

JOB 15-89  
 DATE 12 FEB 1990  
 SHEET 1 OF 4