

MARCH 12, 1987
13
16
17
18
19 PM

03-310841 PERMIT

P 38922
A 37310
DISTRICT 3

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 3/12/87
DATE SYSTEM APPROVED 3/26/87
INSPECTOR RH

INDEXED

{ I.C.O.O.P. issued only }
Time expired

C. T. Camp Construction Co., IS PERMITTED TO INSTALL X ALTER

ADDRESS 1119 Briggs Chaney Road, Silver Spring, MD 20904 PHONE 384-2248

SUBDIVISION Gaither Farm ROAD 11067 Gaither Farm LOT 13

PROPERTY OWNER Dr. Arthur H. Behrens **BUILDING PERMIT SIGNED**

ADDRESS Stedlos Books 4052-DEUK **AND RETURNED**

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

GARBAGE GRINDER? YES X NO

SEPTIC TANK CAPACITY 2250 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 244 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 82 feet from the right (265') lot line and 183 feet from the rear (350') lot line as seen when facing the property from Gaither Farm Road. Run trench(s) along contour toward rear part of property.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. d/cw **BLDG. PERMIT SIGNED**

AND RETURNED 8/23/83
Serial # 57227-PH

PLANS APPROVED BY C. Williams DATE 6/18/86

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.

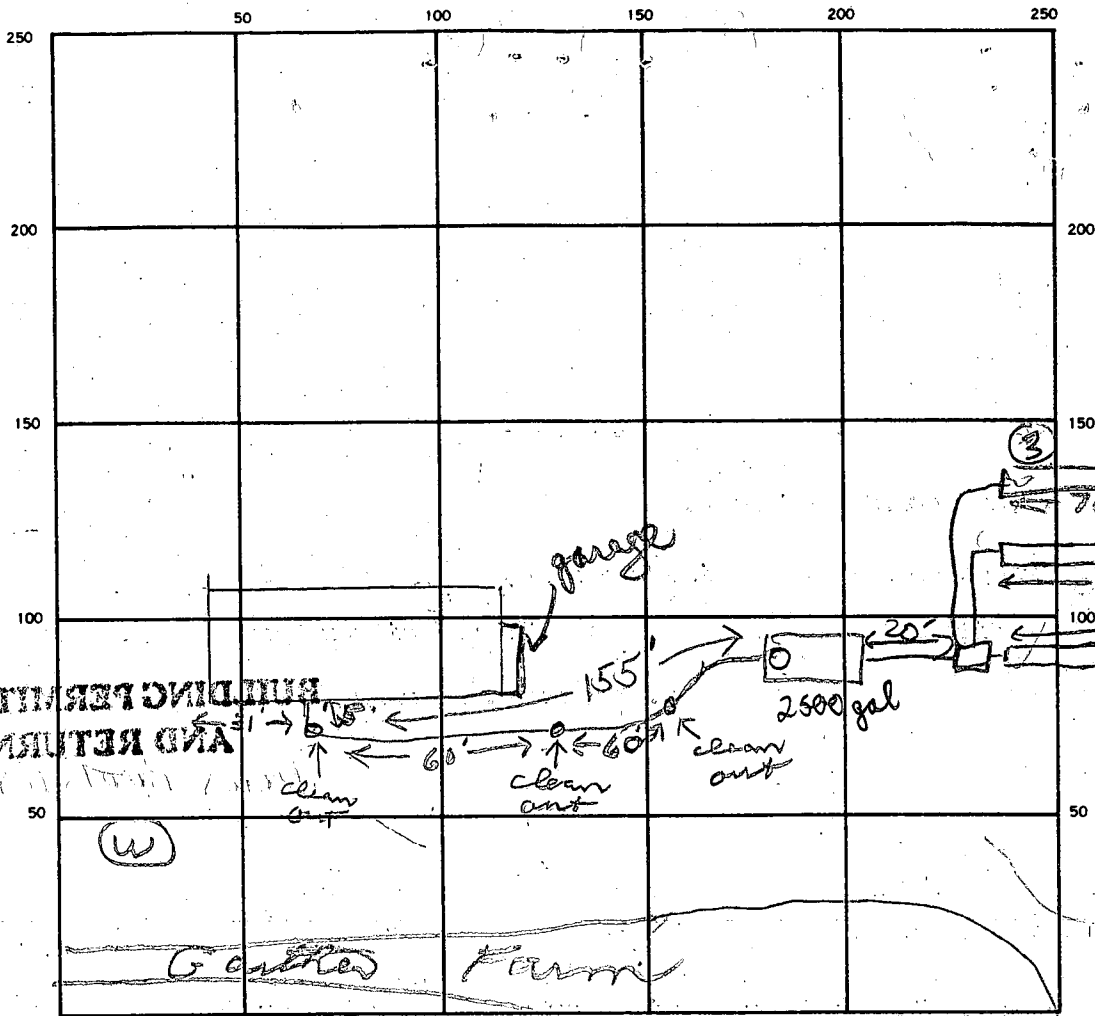
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 37310

22
244
1220
4 3054F
1220
020



BUILDING PERMIT SIGNATURE AND RETURNED

INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK LEVEL: 2500 gal CLEANOUTS 3 INLINE C/O'S

DISTRIBUTION BOX LEVEL: ✓

DRAIN FIELD TILE FIELD DEPTH 8.5 | 9.5 | 9 FT. TRENCH WIDTH 2 | 2 | 2 FT. INLET DEPTH 4.5 | 4 | 3 FT.

EFFECTIVE GRAVEL DEPTH 4 | 4 | 4 FT. TOTAL LENGTH 105 | 102 | 101 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 420 | 409 | 409 SQ. FT. TOTAL 1232

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 3/12/87 OK to cover pipe to septic tank

3/3/87 Adjustment to trench length covered w/ installer. OK to continue digging 1st trench & add stone pipe paper.

3/16/87 Trench locations decided (to minimize tree loss). OK to continue adding stone pipe paper to trench. #1 OK TO COVER #1 DIG #2 AND PIPE STONE. SAGAL, DIG #3 OK TO

place stone in trench as dig leave area for Insp. to measure. OK TO COVER MAX. SAGAL

3/18/87 FINISH #2 DIG #3 & ADD SOME STONE R/L FINISH #2 & #3 & CALL RR

3/23/87 TRENCH #3 DIG 80 FT LONG & FINISH #2 & #3 RR 3/26/87 TRENCHES

DATE SYSTEM APPROVED 3/26/87 INSPECTOR R. Hodges

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

New Installation x
Replacement

Receipt # 38923
Date 3/12/87

Name of Installer Richard Barr

Telephone 948-1243

License number _____
Certified Well Pump Installer Well Driller Registered Plumber x

Name of Property Owner Dr. Arthur H. Behrens Telephone _____
Subdivision Gaither Farm Lot # 13 Well tag # - -
Site Address 11067 Gaither Farm Road

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible ✓
2. Make Myers
3. Model # S1522511
4. Capacity 11 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 _____

Motor
1. Horsepower 1/2
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220 ✓

Pitless Adapter
1. Make Martinson
2. Model # BP10X
3. Depth 42"

Tank
1. Capacity 80 GAL.
2. Pressure relief valve? Yes

Piping
1. Type Hi-Mok
2. Size 1"
3. NSF and/or BOCA Code approved Yes
4. Depth of supply line 42"

Well data
1. Depth 85 ft.
2. Yield 12 GPM
3. Static water level _____ ft.
4. Will water supply be disinfected by installer? Builder

 3/12/87 - work covered. JB

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: Richard U. Barr

Date: 4/2/87

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

C1 5239

SEQUENCE NO. (OEP 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-37310

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid

DEPTH OF WELL grid

PERMIT NO. grid

OWNER: BEHRENS ARTHUR; STREET OR RFD: GATHER FARM RD; TOWN: ELLICOTT CITY; SUBDIVISION: GATHER FARM; SECTION: ; LOT: 13

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. Includes handwritten entries: SAND 0-70, GRAY GRANITE 70-85.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y); TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC); NO. OF BAGS: 11; NO. OF POUNDS: 1034

CASING RECORD: casing types insert appropriate code below; MAIN CASING TYPE: ST (STEEL); Nominal diameter: 2 1/2 inch; Total depth: 75 feet

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

SCREEN RECORD: screen type or open hole; insert appropriate code below; ST (STEEL), BR (BRASS), HO (OPEN HOLE)

Table for SCREEN RECORD with columns for DEPTH (nearest ft.) and rows for EACH SCREEN (1-3)

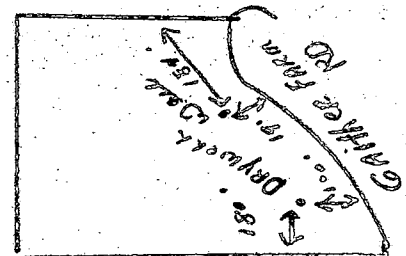
GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER); TELESCOPE CASING; LOG INDICATOR; OTHER DATA

PUMPING TEST: HOURS PUMPED (3); PUMPING RATE (12 gal. per min.); METHOD USED TO MEASURE PUMPING RATE: bucket; WATER LEVEL (distance from land surface) BEFORE PUMPING: 25; WHEN PUMPING: 51; TYPE OF PUMP USED (for test): S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (YES); TYPE OF PUMP INSTALLED: PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE; CAPACITY: GALLONS PER MINUTE; PUMP HORSE POWER; PUMP COLUMN LENGTH; 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)



A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED; ELECTRIC LOG OBTAINED; 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...

DRILLERS IDENT. NO. 238; DRILLERS SIGNATURE: Joseph L. Mays

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

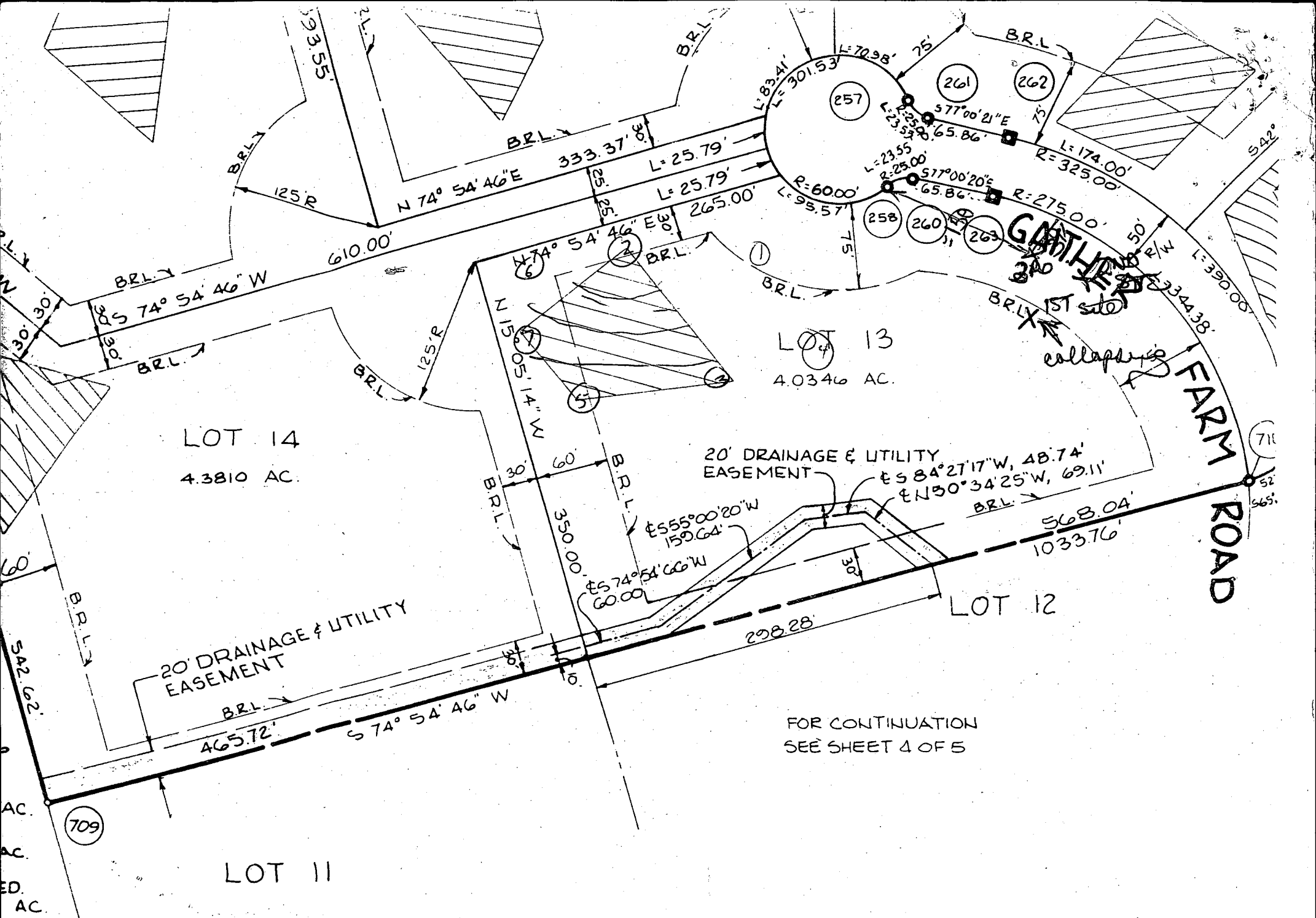
grant figures
supplied by
driller

8/6/86 location as per 200
field visit - OR

75' casing (2' above)
= 50' open hole
11 bags cement

H₂O sample taken 11 AM
H9825

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
AUG 30 3 17 PM '86
DIVISION OF
ENVIRONMENTAL
HEALTH



LOT 14
4.3810 AC.

LOT 13
4.0346 AC.

LOT 12

LOT 11

FOR CONTINUATION
SEE SHEET 4 OF 5

- DENOTES IRON BAR OR IRC
- DENOTES 4" x 4" CONCRETE

APPLICATION

7/21/86
1:30

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37310
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____
DATE 7/1/86

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 Dr. Arthur H. Behrens ✓

ADDRESS 6184 Llanfair Drive PHONE 997-0964
Columbia md. 21044

PROPERTY LOCATION:

SUBDIVISION Coaiter Farm LOT NO. 13

ROAD AND DESCRIPTION 11067 Coaiter Farm Road

SIZE OF LOT 4.0346 acres TYPE BLDG. residential
(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. Dr. Arthur Behrens
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7-24-86 Perc. Unsatisfactory, DIC TO CONSIDER MOVING

EXISTING PERC. TOWARD HOUSE LOCATION. S. Atwood BLDG. PERMIT SIGNED
AND RETURNED 8/3/86 SAAW

BP# 72156

THIS IS NOT A PERMIT

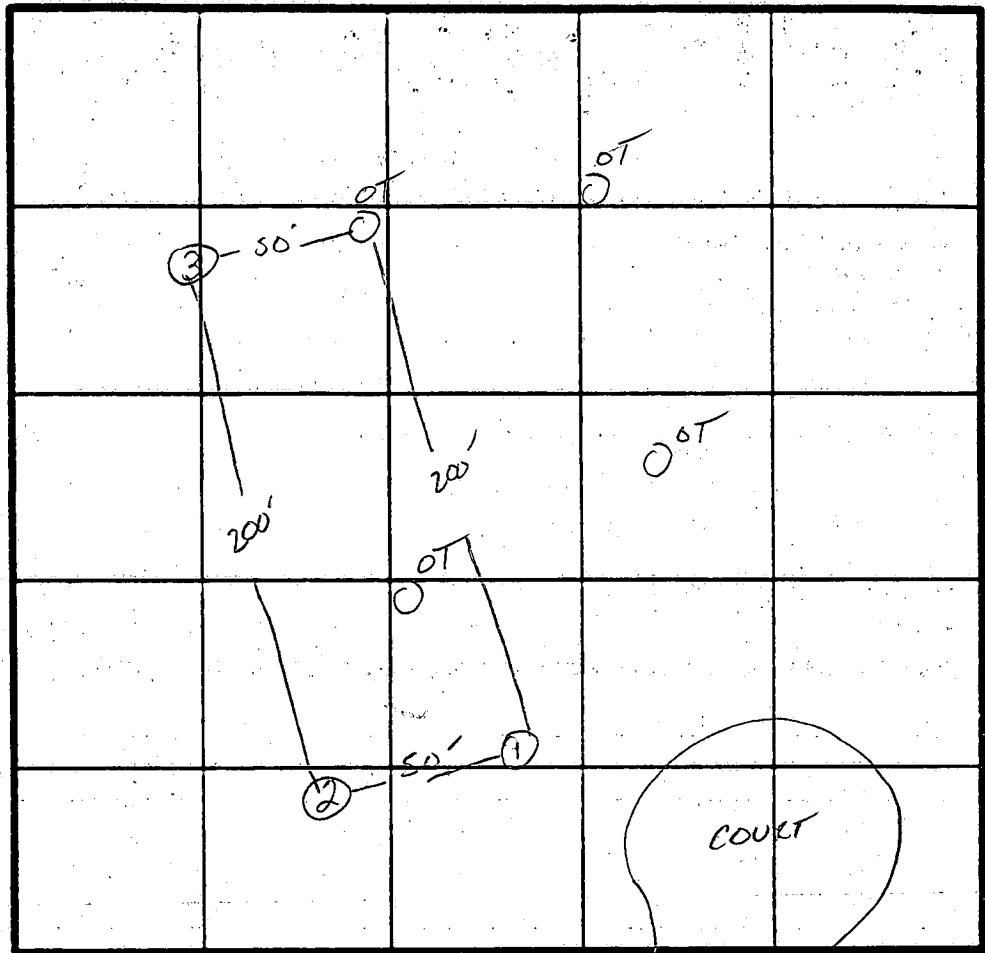
① ②
SOIL PROFILE

0'
10' AP
STRONG BR
SILT LOAM
12-15% CLAY
210% FRAGS

4.5'
STRONG BR
SILT LOAM
9% CLAY
210% FRAGS

6.5'
YELLOW BR
SILT SAND
LOAM
MIN. CLAY
210%
FRAGMENTS

14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

③
4"
A1-3
RED YELLOW
SILT LOAM
9-12% CLAY
210% FRAG.

4.5'
YELLOW BL
SILT SAND
LOAM
210%
FRAGMENT

14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/24/86	1 S 1 N	5'	10:00	10:07	< 1/4" movement		
		7'	9:57	10:07	< 1" movement		
	1 V	14'	uniform soil below 6.5"		DRY.		
	2 V	14'	SAME AS #1		NOT TESTED.		
	3 S 3 V	4.5' 14'	10:30	10:50	NO movement.		
		14'	uniform soil below 7.5"				

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

SUBDIVISION: GAITHER FARMS

LOT NUMBER: 13

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

244

~~200~~

sq. ft./bedroom

Trench to be 2 wide.

5BR

Inlet 4.5 feet below original grade.

GARBAGE DISPOSAL

Bottom maximum depth 8.5 feet below original grade.

Effective area begins at 4.5 feet below original grade.

4 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 82' FROM
THE RIGHT (265') LOT LINE AND 183'
FROM THE REAR (350') LOT LINE AS SEEN WHEN
FACING THE PROPERTY FROM GAITHER FARM RD.
RUN TRENCH(S) ALONG CONTOUR TOWARD T-REAR
PART OF PROPERTY, 6/18/86 CWL/lan

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35693

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: Philip [unclear]
PROPERTY OWNER: Patrick Mc [unclear]
1000 Equitable Bank Ctr.
ADDRESS: Urb. [unclear], MD 21044 PHONE _____

PROPERTY LOCATION:
SUBDIVISION Gaither Farm LOT NO. 14
ROAD AND DESCRIPTION Homewood Rd and Rte. 108
SIZE OF LOT 3 acres TYPE BLDG. 3-5
(NUMBER OF BEDROOMS)

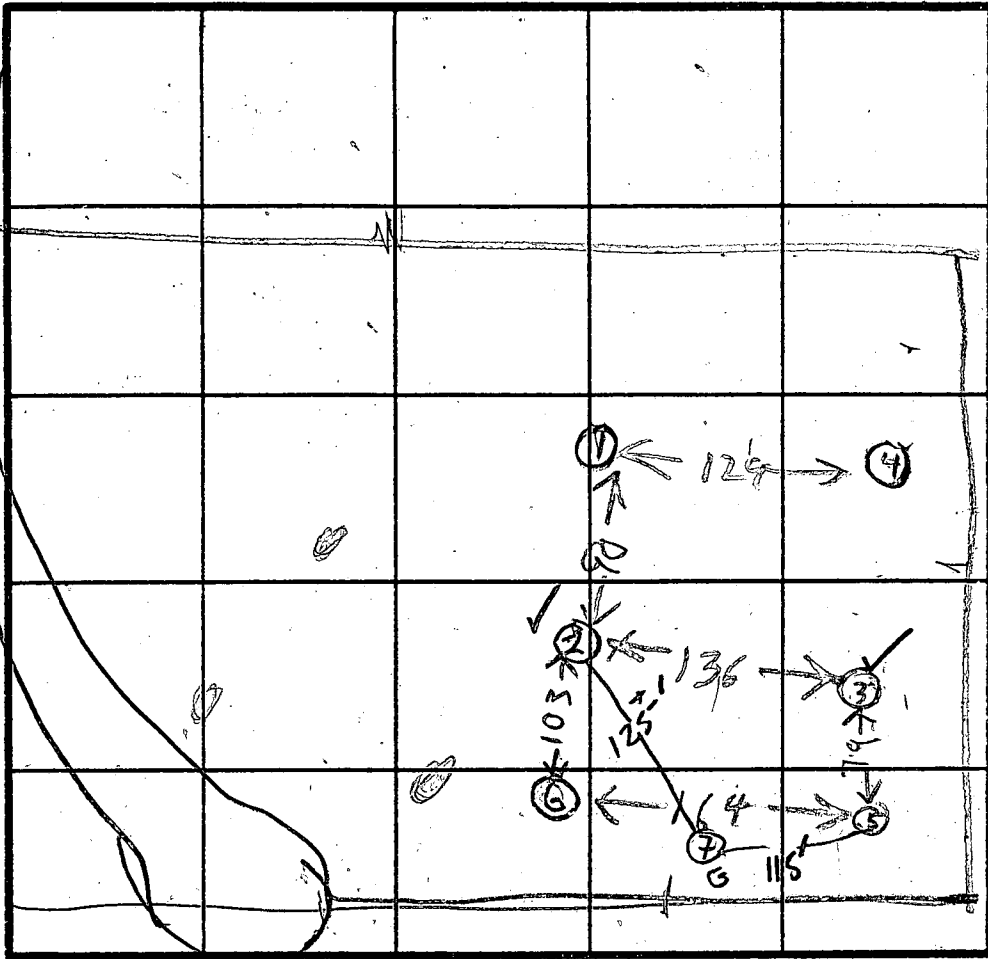
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS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

RH	SURVEY OR
1	B
2	A
3	C
4	D
5	E
6	F
7	G

4
BROWN CLAY
4
BROWN SAND CLAY LOAM
14
15 WATER



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
0
CLAY & TOP SOIL
4
GRAY BROWN SAND LOAM
11 1/2
12 WATER

4
BROWN CLAY
4
BROWN & TAN SAND CLAY

CLAY
TAN SAND LOAM

3
5
CLAY
SAND
CLAY
SAND

6
9
RED CLAY
CLAY SAND LOAM
TAN SAND

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/3/85	1V	12	WATER		11 1/2	UNSAT	
7/3/85	2S	5	1252	1255	1255	104	9
7/3/85	2D	8	1252	1254	1254	104	10
	2V	12	LOOKS		OK		
	3S	4.5	103	108	108	110	10
	3D	8	103	108	108	112	4
	3V	12	LOOKS		OK		
	4S	4.5	137	219	little perc		
	4D	7	142	219	interior 37		
	4V	15	WATER		4 FT	UNSAT	
	5S	5	258	316	316	337	deper
	5D	8.5	258	259	259	300	1
	5V	9.5	LOOKS OK		BELOW 7 FT		
	6S	4	310	345	LITTLE PERC		
	6D	8	310	340	LITTLE PERC		
	6V	12	LOOKS		UNSAT		

REMARKS

TYPE OF SOIL

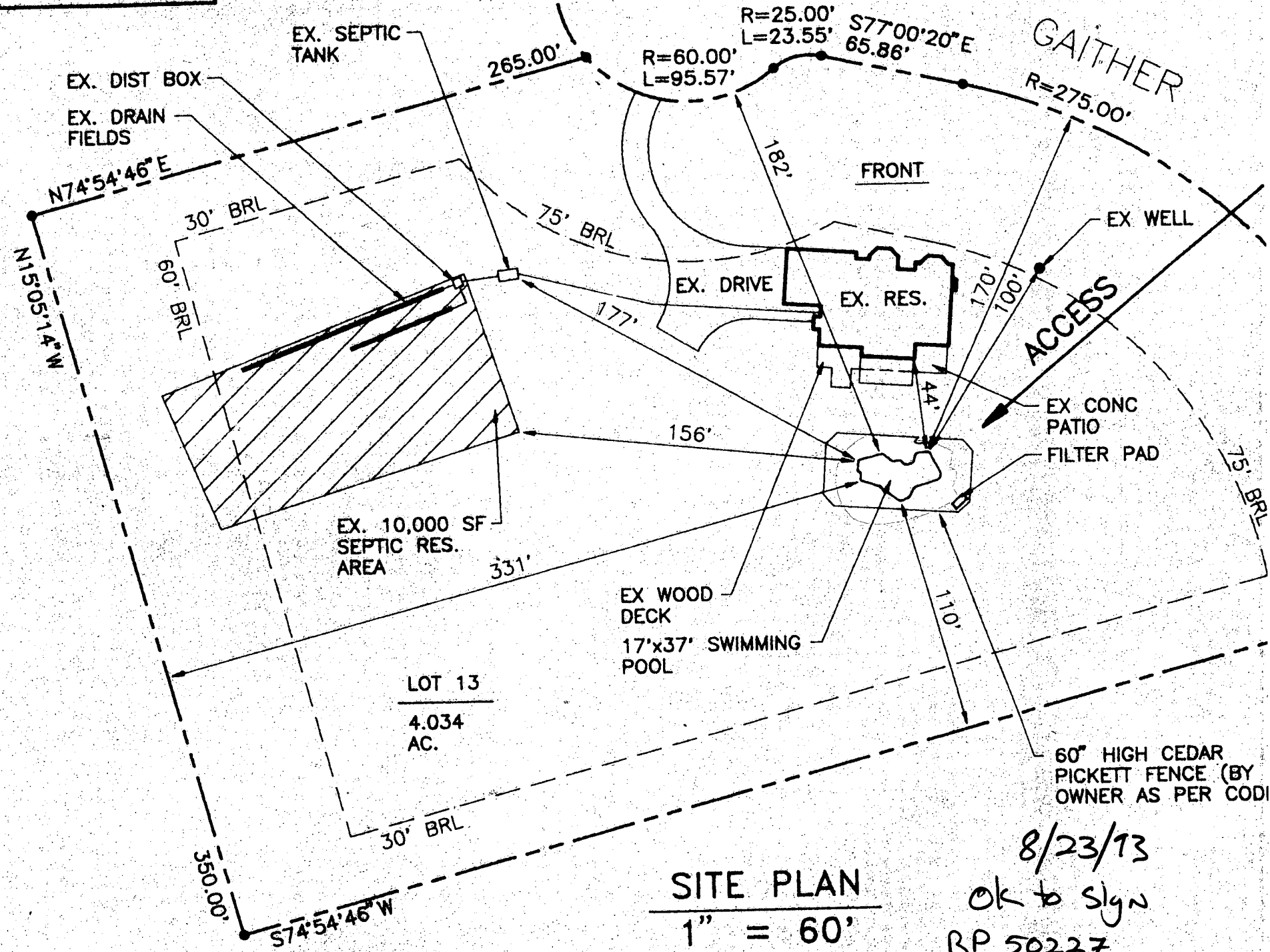
TESTED BY RHODGES

RLO BALKRUE DAVE & LONNIE
Geologist ALSO PRESENT JANG NADRU

TEH-12-1079

WATER

SEPTIC WELL 10'



EX. 10,000 SF SEPTIC RES. AREA

LOT 13
4.034 AC.

EX WOOD DECK
17'x37' SWIMMING POOL

EX. RES.

EX. DRIVE

EX WELL

EX CONC PATIO
FILTER PAD

60" HIGH CEDAR PICKETT FENCE (BY OWNER AS PER CODI)

GAITHER

SITE PLAN

1" = 60'

LOT 13

GAITHER FARM

8/23/13

Ok to sign
BP 50227
RH

NOT

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.

Soil Amendments: Apply 0-20-20 fertilizer at the rate of 600 lbs. per acre. Narrow or disc lime and 0-20-20 fertilizer into the soil to a minimum depth of 3". Loose or high maintenance areas will be dragged and leveled with a York rake. At the time of seeding, apply 400 lbs. of 30-0-0 ureaform fertilizer and 300 lbs. of 10-20-20 or equivalent fertilizer per acre.

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 40 lbs. per acre (1 lb./1000 sq. ft.) of a mixture of certified 'Merion' Kentucky bluegrass; common Kentucky bluegrass @ 40 lbs. per acre (1 lb./1000 sq. ft.) and Red Fescue, Pennamum or Jamieson @ 20 lbs. per acre (0.2 lb./1000 sq. ft.) for the period May 1 thru July 31, seed with 40-40-20 mix as specified above and 2 lbs. per acre (0.05 lb./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 40-40-20 mix specified above 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 2 1/2 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 reseeding.

TEMPORARY SEEDING NOTES

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

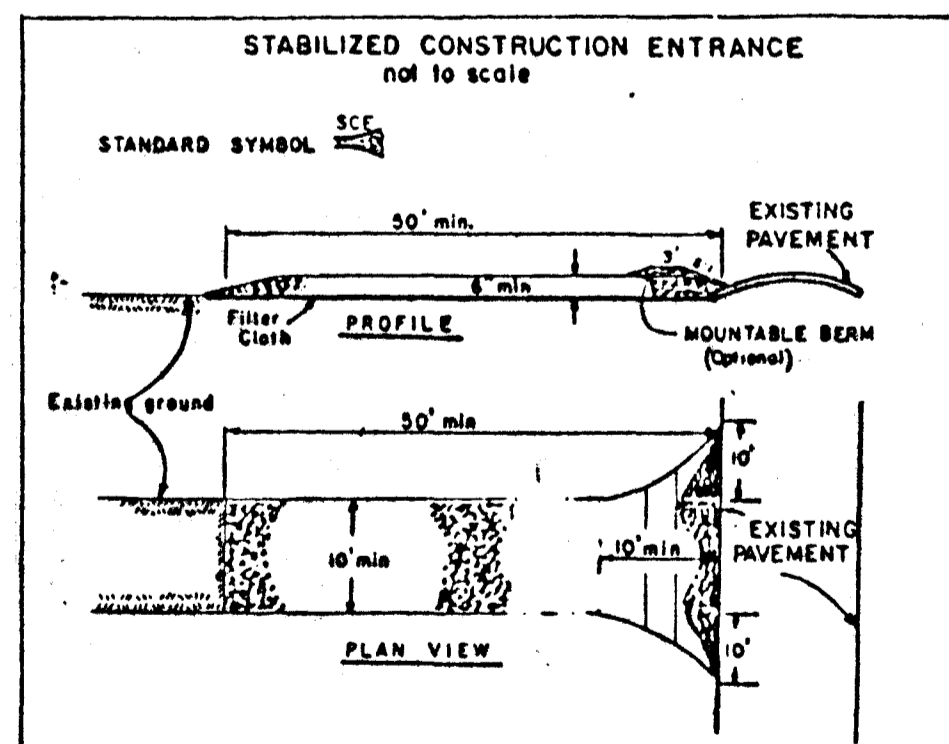
Seedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

Soil Amendments: Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.) where soil is highly acidic, apply dolomitic limestone at the rate of 1 ton per acre.

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 100 lbs. 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 (0.7 lb./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.

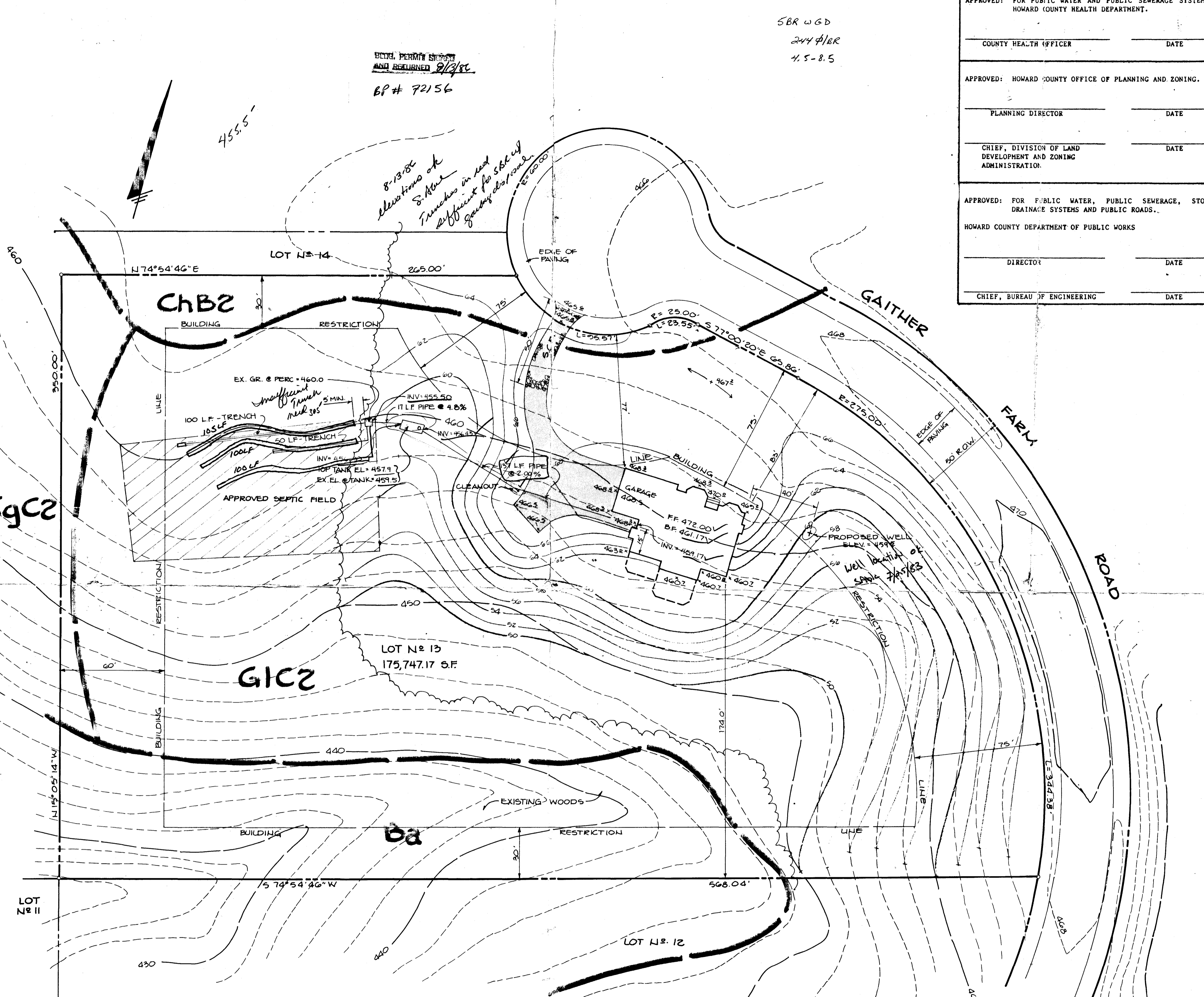
Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 gallons per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or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



- CONSTRUCTION SPECIFICATIONS**
1. Stone Box - Use 12" stone, or reclaimed or recycled concrete equivalent. Length - As required, but not less than 36 feet (except on a single residence lot where a 30 foot minimum length would apply).
 2. Thickness - Not less than 18 inches.
 3. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 4. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 5. Surface Water - All surface water flowing or directed toward construction entrance shall be piped across the entrance. If piping is impractical, a mountable berm with 9:1 slope will be permitted.
 6. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and rapid and/or efficient of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 7. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 8. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE



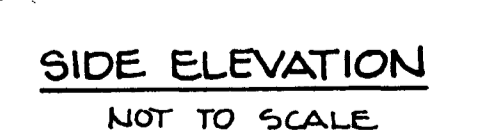
SEPTIC DESIGN INFORMATION

1. 244 S.F./bedroom x 5 bedrooms = 1220 S.F. x 22% or 269 S.F. = 1489 S.F. Req.
2. 1489 S.F. : 10 = 148.9 L.F. of trench.
3. Septic tank capacity shall be 2250 gallons minimum.
4. Provide 6"-8" diameter cleanout and cap to grade on or above septic tank and driveway.
5. No trench to exceed 100 feet in length.
6. Call for inspection of trenches before gravel is installed.
7. This system is designed to accommodate a garbage disposal.
8. This system is designed to serve the basement floor elevation.
9. Trench specifications:
 - a. 2'0" width
 - b. Maximum depth 8.5'
 - c. effective area beginning at 4.5 below original grade
 - d. gravel to be installed to depth of 4'0" below beginning of effective area

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
13	11067 GAITHER FARM ROAD

SUBDIVISION NAME	GAITHER FARM	SECT./AREA	LOT/PARCEL # 13
PLAT # OR C/F	6611	BLOCK #	10
WATER CODE	N/A	SEWER CODE	N/A



SIDE ELEVATION
NOT TO SCALE

5BR WGD
244 P/BR
4.5-8.5

BUILD PERMIT STOPPED AND RETURNED 9/2/86
BP# 72156

8-13-86 elevations of S. drive finished in road different for SBL w/ gaither also revised

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

PLANNING DIRECTOR _____ DATE _____

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION.

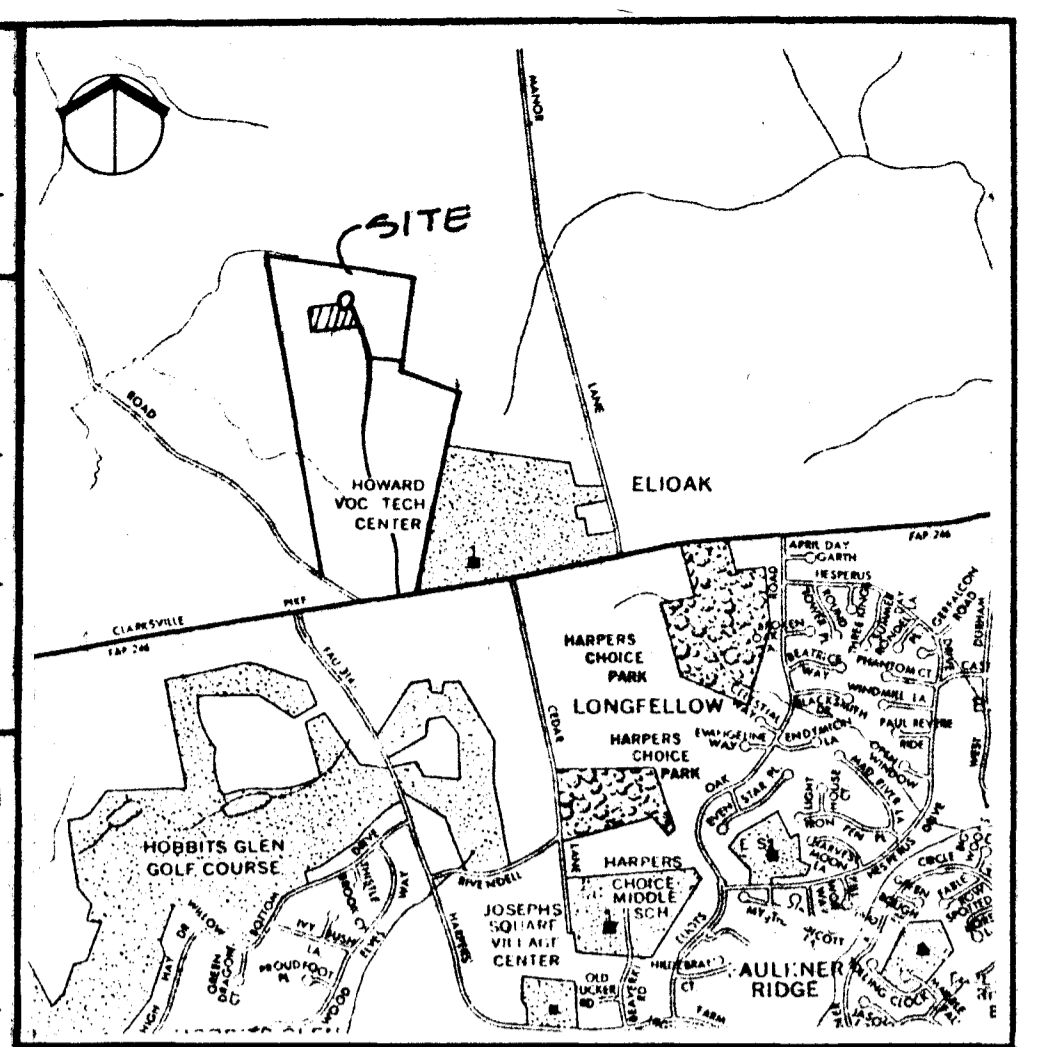
DATE _____

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR _____ DATE _____

CHIEF, BUREAU OF ENGINEERING _____ DATE _____



VICINITY MAP
SCALE 1" = 2000'

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 NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."

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."

ENGINEER *Arthur E. Muegge* _____ DATE _____

REVIEWED FOR _____ NAME _____ 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 _____

DATE NO _____ REVISION _____

OWNER/DEVELOPER

DR ARTHUR BEHRENS
6184 LANFAIR DRIVE
COLUMBIA, MARYLAND 21044

PROJECT: **GAITHER FARM LOT # 13**

AREA TAX MAP N# 20 PARCEL 1
35th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: **PLOT PLAN**

THE RIEMER GROUP, INC.

The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
3105 Hark Park Drive, Ellicott City, Maryland 21043 (301) 461-2600

DATE *August 23, 86*

DESIGNED BY: TDF

DRAWN BY: PER

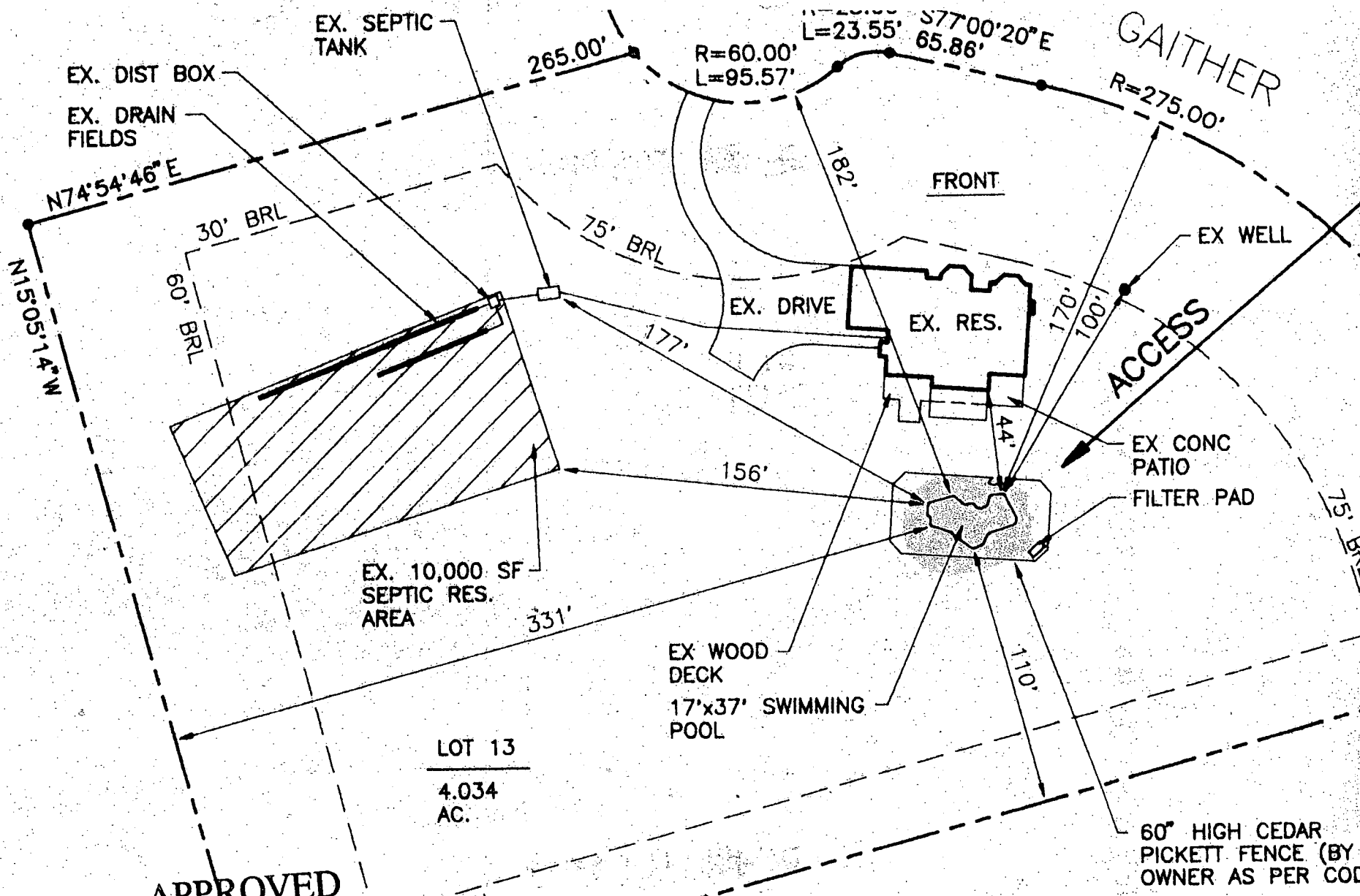
PROJECT NO: 32500

DATE: 1 AUGUST 1986

SCALE: 1" = 30'

DRAWING NO. 1 OF 1

Arthur E. Muegge
ARTHUR E. MUEGGE 5871



LOT 13
4.034
AC.

APPROVED

WALK-THRU BUILDING PERMIT
 BP# 50227 A# 37310
 APP. SAN 5/28/05 DATE: 5/28/05
 DESC. OF WORK: Remove old Deck
Install new Deck
 Same foundation

SITE PLAN
 1" = 60'
 LOT 13
GAITHER FARM

8/23/13
 OK to sign
 BP 50227
 RH

GAITHER

FRONT

ACCESS

60" HIGH CEDAR
 PICKETT FENCE (BY
 OWNER AS PER COD